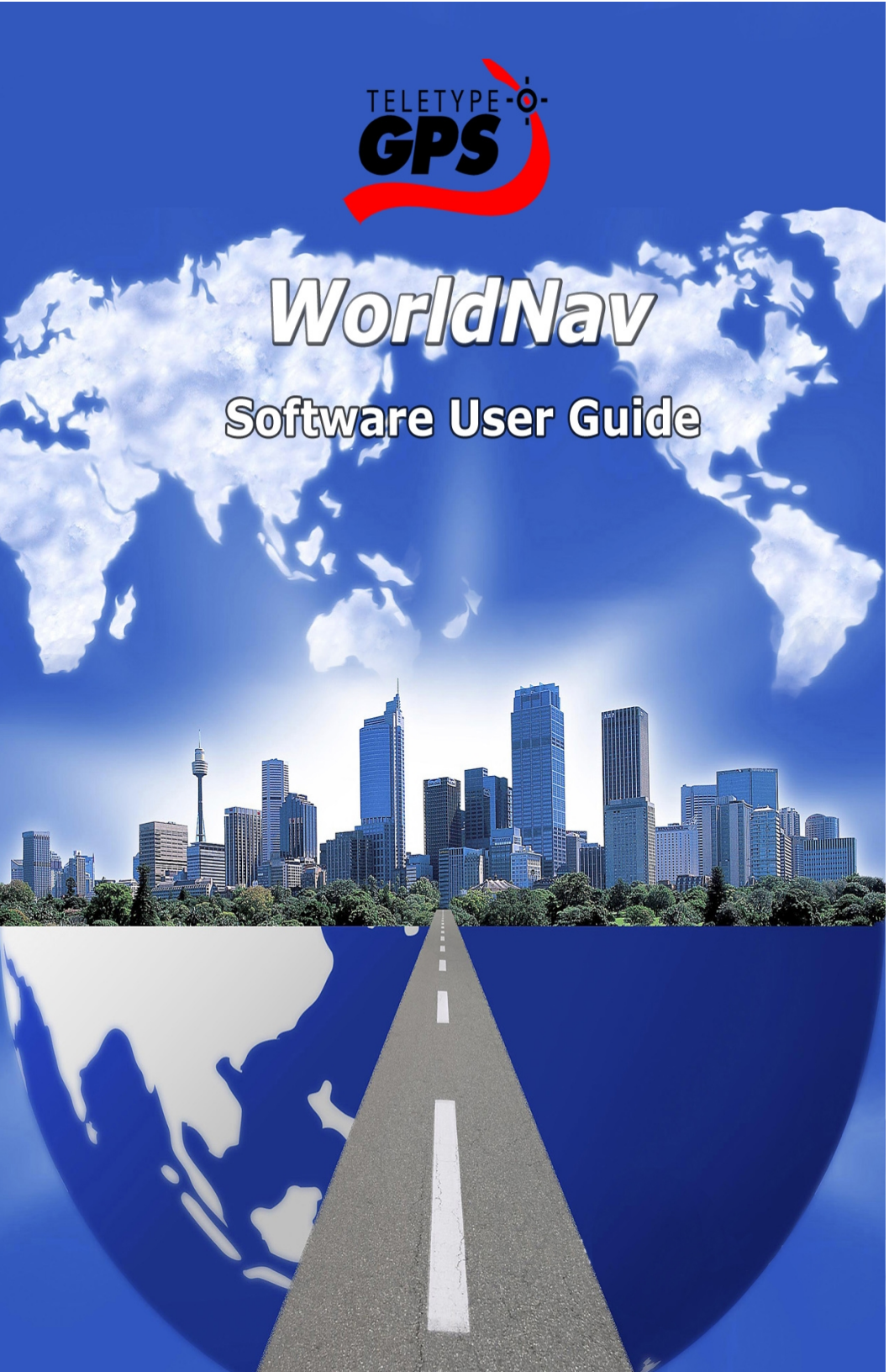
TELETYPE GPS

WorldNav

Software User Guide



WorldNav Navigation Software

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Part 1

1 Introduction

1.1 Disclaimer

Use the WorldNav at your own risk. To reduce the risk of unsafe operation, please carefully review and understand this user manual.

It is the user's responsibility to use this product prudently. This product is intended to be used only as a navigational aid and must not be used for any purpose requiring precise measurement of direction, distance, location, or topography. Statistics provided such as trip time are best estimates and may not accurately reflect true conditions.

The Global Positioning System (GPS) is operated by the United States Government, which is solely responsible for its accuracy and maintenance. The system is subject to changes which could affect the accuracy and performance of all GPS equipment.

For use in vehicles, it is the sole responsibility of the owner/operator of the TeleType GPS WorldNav to place and secure the GPS unit so that it will not interfere with the vehicle operating controls and safety devices, obstruct the driver's view of driving conditions, or cause damage or personal injury in the event of an accident. Do not mount the TeleType GPS WorldNav in a place where the driver or passengers are likely to impact it in an accident or collision. The mounting hardware supplied by TeleType Co. is not warranted against collision

damage or the consequences thereof.

When used in vehicles, it is the sole responsibility of the driver of the vehicle to operate the vehicle in a safe manner, to maintain full surveillance of all driving conditions at all times, and not become distracted by the GPS system to the exclusion of safe driving practices. It is unsafe to operate the controls of the GPS system while you are driving. Failure by the driver of a vehicle equipped with a TeleType GPS system to pay full attention to operation of the vehicle and road conditions while the vehicle is in motion could result in an accident or collision with property damage and personal injury.

IN NO EVENT SHALL TELETYPE CO BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT OR FROM DEFECTS IN THE PRODUCT. SOME STATES DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

1.2 Welcome

Congratulations on your purchase of a WorldNav Truck GPS! This document will provide you with information on how to use the GPS software. Please refer to the GPS hardware user guide for information regarding the GPS device. To be informed of program and map updates please register your WorldNav purchase at www.teletype.com/register.

Please note that the software functionality is the same for all newer generation WorldNav models regardless of screen size. The pictures in this guide may appear differently from your screen based on which device you are using. The guide will appear in color when viewed on line.

Part II

2 Getting Started

2.1 QuickStart Truck Routing

TeleType offers commercial truck drivers the ability to specify the characteristics of the vehicle and type of load being carried in order to provide suitable routing taking into account road restrictions such as bridge clearances, load limits, dangerous turns, hazmat, and more. If you have purchased a device which offers the commercial truck routing feature, you can follow the information below to learn more about the features designed for truck drivers. For complete details on how to enter addresses you can review the remainder of this user guide.

1. Attach your GPS system to the windshield by putting the suction cup on the window (moisten cup if necessary). It is best to allow the device to rest on the dash (while also mounted to the windshield) so as to minimize the possibility of damage to the device. Apply power using the cord provided to the device (if needed).

   TIP - Turn on the truck before powering up your GPS to avoid potentially damaging power surges to the GPS.

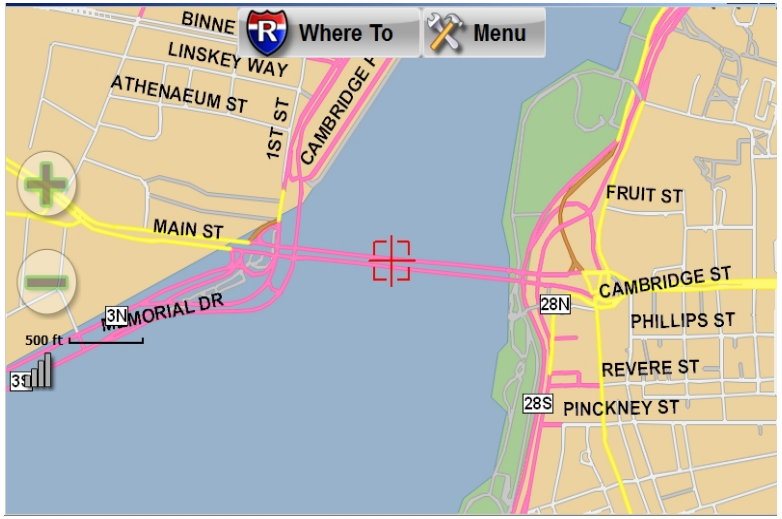
2. Turn the device on, press the “Navigation” button.

3. Press the **<I Agree>** button.

5. The WorldNav GPS will automatically lock into your current position provided that the device has clear view of the sky; assuming you are driving a standard over the road truck (13"6' high, 80,000 lb, 53' trailer), no configuration is required as these are the default values for the GPS. The GPS will know your direction of travel once you begin to move.

6. If the GPS has not yet locked into position, you will see **<Where To>** and **<Menu>** at the top of the map screen. The map will display the last known position centered into the target area. Press **<Where To>** on the screen to create new route.

7. Notice the bright pink lines on the map indicating restricted roads for trucks. When you are in any of the Truck routing modes, the GPS will attempt to avoid these areas.



Restricted Roads Shown in Pink Color

8. To learn more about why the road is restricted, place your target point over the pink road and press **<Menu>** then press **<Info>**. The display will provide restriction information for that point. In the example below, the restriction is due to weight restriction of less than 40,000 lbs.

Restriction Information

9. When entering addresses, the GPS will first prompt you to enter the State (you can spell the state or the abbreviation), the next screen is used for entering the City, the third screen is for entering the house number (leave blank if you do not know the street), press Next and enter the street name (leave blank if unknown). Note that if the street name contains a number such as 61st Street, you can toggle the ABC button to become 123 so that you can enter the number. For details see Getting Started, Finding or Routing to an Address section earlier in this guide.

10. Enter your destination by Address, Intersection or Service (a chain Truck Stop such as Loves, Flying J's, Pilot or Petrol, as well as independent truck stops). Note that intersections are only for

use with local roads; they are not intended for use in finding Exits on highways.

11. Once the route has been created, the GPS will display the route from your current location to the selected location.

12. When the GPS is locked into position you will hear "GPS position fixed, ready to navigate." You will also see your position on the map indicated by the big red arrow. The **<Where To>** and **<Menu>** buttons will disappear.

13. To hear a repeat of the upcoming navigation instruction, tap the upper left hand portion of the screen.

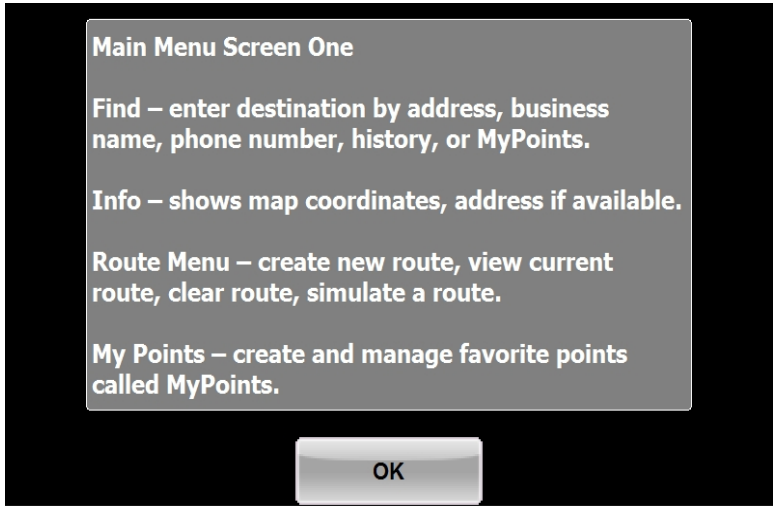
14. You may feel that routing and re-rerouting may take longer than expected, keep in mind this system is analyzing over 350,000 miles of truck restrictions before creating the best route.

15. Your GPS has already been updated before it was shipped to you so please do not try to connect the GPS to a computer for updating. If you have purchased an update policy you will receive the update on a memory card which will self install. Consult the appropriate WorldNav GPS Hardware Guide for details.

16. Tap the round Info <I> button appearing on the top left of the menu screen to learn more about

a specific menu page.

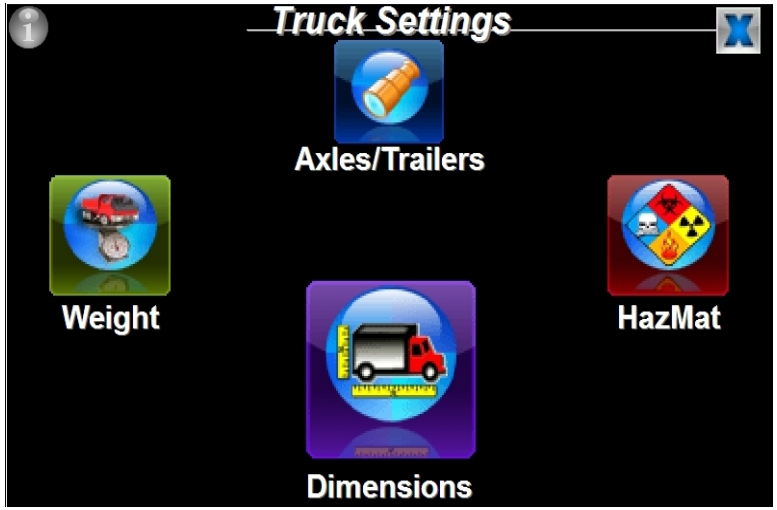
Info Button found on the top left of main screens


Main Menu Screen One
Find – enter destination by address, business name, phone number, history, or MyPoints.
Info – shows map coordinates, address if available.
Route Menu – create new route, view current route, clear route, simulate a route.
My Points – create and manage favorite points called MyPoints.
OK

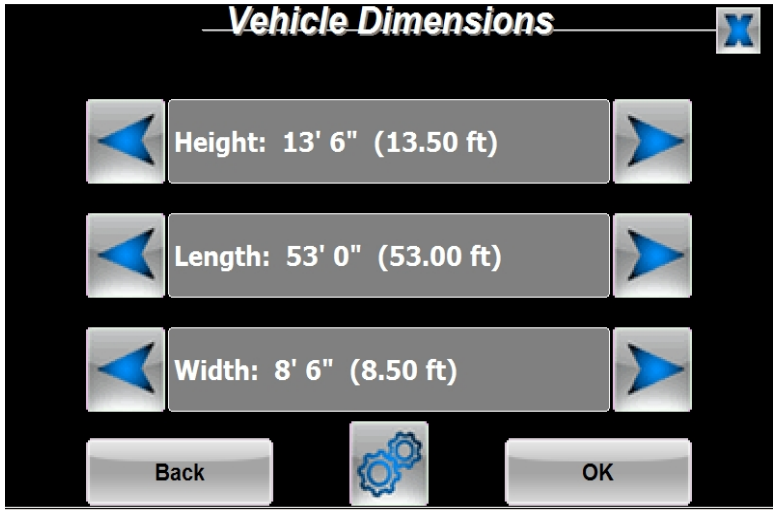
Example of a quick reference Information screen

2.2 Vehicle Specifications

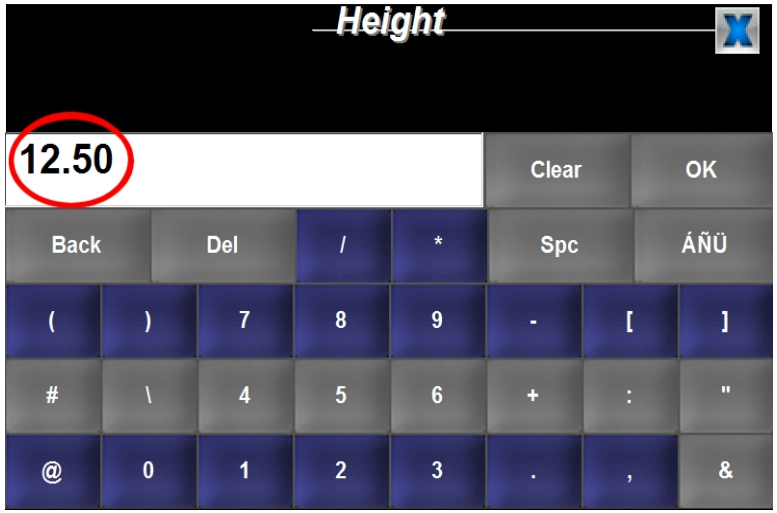
The WorldNav Truck GPS is already set up to create routes that are suitable for trucks having the following specifications: 13'6" high, 53' trailer, 8'6" width, no hazmat, 80,000 pounds, 5 Axles, 1 trailer. If you wish to change any of these settings you should access the Vehicle Specifications menu. Tap each of the items in the menu to make changes.



Truck Settings



Vehicle Dimensions



Changing Values by Typing can be faster rather than using arrows. This example shows changing the height from 13'6" to 12'6".

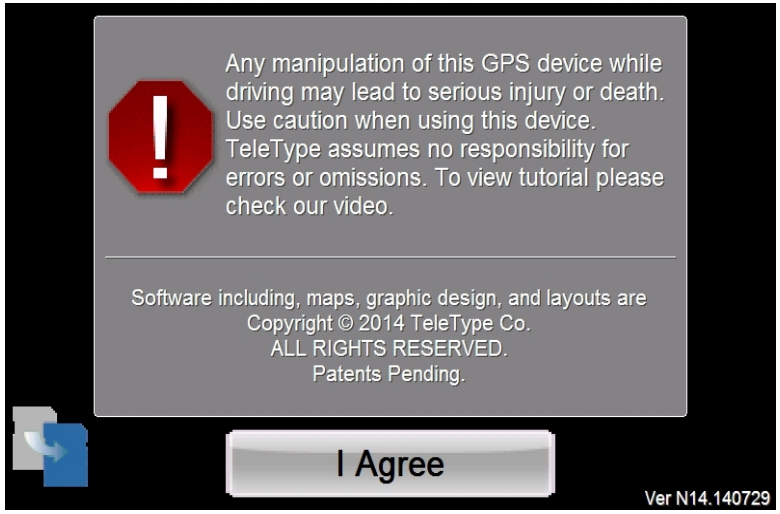
If the change is minor, you can use the left and right

arrows to make the adjustment. If the change is major, you can save time by tapping inside the box such as "Height", and you will then be able to enter the new height by typing in the number directly.

Repeat this process for any of the specifications you wish to change such as Weight, Axles, and HazMat class.

2.3 Launching Navigation

Depending upon how your GPS is configured you may need to press the Navigation icon to launch the program. Once the program is launched you will see the following screen which we call the "I Agree" screen. You will need to press "I Agree" each time you use the GPS. Notice on the bottom right of the screen you will see the version number of the software you are using. This may be helpful to you when contacting TeleType customer service.


Any manipulation of this GPS device while driving may lead to serious injury or death. Use caution when using this device. TeleType assumes no responsibility for errors or omissions. To view tutorial please check our video.
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ALL RIGHTS RESERVED.
Patents Pending.
I Agree
Ver N14.140729

I Agree Screen

2.4 Navigation Overview

Now that you are familiar with WorldNav set up you are ready to begin navigating. When you turn on your device, the GPS will search to acquire satellite signals. Once you have picked up sufficient signal strength and position accuracy we call this "Locked In" or "Locked into Position", at which time you can simply press <Where To> and enter a destination to navigate from your current location. If you are indoors or unable to pick up satellite signals, you may want to set your home address manually. You can also create routes by entering start and end addresses for later use.

When you are driving, the screen will display your location en route and you will be given voice instructions for when and where to turn. State borderlines are displayed on the screen which allow you to more easily document crossing state lines. The Odometer function keeps track of the miles driven in each state. Your destination will be indicated on the map with a checkered flag. You can configure the screen to display information of importance to you such as Distance to Go, Current Speed, and more. Once you have reached your destination, the route will be cleared and will be ready to navigate to your next destination. Notice that the roads shown in pink indicate that they are restricted against truck travel. The software automatically routes you around these areas. If you care to know the reason for the restriction you can tap on the road and the information screen will

display the reason for the restriction such as a height restriction (low bridge), weight restriction, or Commercial Restriction (No Trucks Allowed). More detail about this function is found in the section called Special Features under "Truck Restrictions."

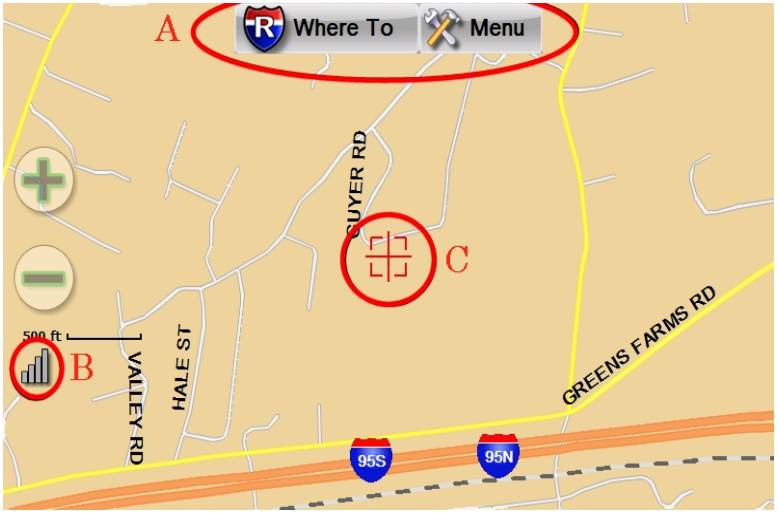
2.5 Map Mode

The WorldNav software allows you to switch between Navigation and Map mode. You will automatically be in Navigation mode when you travel with the GPS locked into position. If you care to browse the map, simply touch the screen anywhere on the map area, you will then see a plus and minus symbol which will allow you to zoom in and out. You can use your finger to drag the map in any direction as desired. Road colors will vary based on the type of road.

For example, in Day Mode, the colors of the roads are as follows:

Gray - Residential
Yellow - County or State
Orange - Highway
Green - State Preferred Truck Route
Pink - Truck Restricted Road

When you see "Where To" and "Menu" on the screen that means you are in Map mode. If your GPS is locked into position you can touch the red arrow on the bottom left of the screen to return to navigation mode.



Not Locked In - Map Mode

- **A.** Where To / Menu - these buttons appear in Map Mode
- **B.** GPS Signal strength - tap to access the GPS Status Menu
- **C.** Target - indicates not not locked into position, this square changes to a red arrow when the GPS is locked into position

When the "Where to" and "Menu" buttons disappear it means you are in Navigation mode rather than Map mode, the map will automatically orient in the direction of travel.

2.6 Set Home Address

When you travel away from home it is convenient to be able to route "Home" easily. Some drivers prefer to set the "Home" address as their Yard or Terminal where trips start and end. Set your home (or yard) address by pressing <Menu>, <My Points>, <Set Home>, choose from the various options for recording the location.

Options for setting home address:
By Address - will prompt you to search for your address then select the address when done.
By GPS position - assuming your GPS is locked into position, it will set your address to the current position.
By Map position - position the square target at the location you wish to call Home, then select this option, an approximation of the address will appear on the screen
By My Points - select a previously entered point (you will not have any points when you use the GPS for the first time, however this feature can be helpful if later you wish to change the home address using a previously stored point).
By Recent - select an address you may have visited in the past (once again, this will not be likely when you first use the GPS, you may want to use this feature a later time).

Press <OK> when done.

2.7 Finding an Address

Use the Find Wizard to search for an address that you may want to use as a destination for a route. You can either find the address ahead of time and it will be in the <Recent> history section, for use at a later time, or you can use the <Where To> button or <Menu> ,<Route Menu>, <New Route> to create a new route at which time you will be prompted to enter the destination address. Either way, you will use the Find Wizard to help you enter the destination.

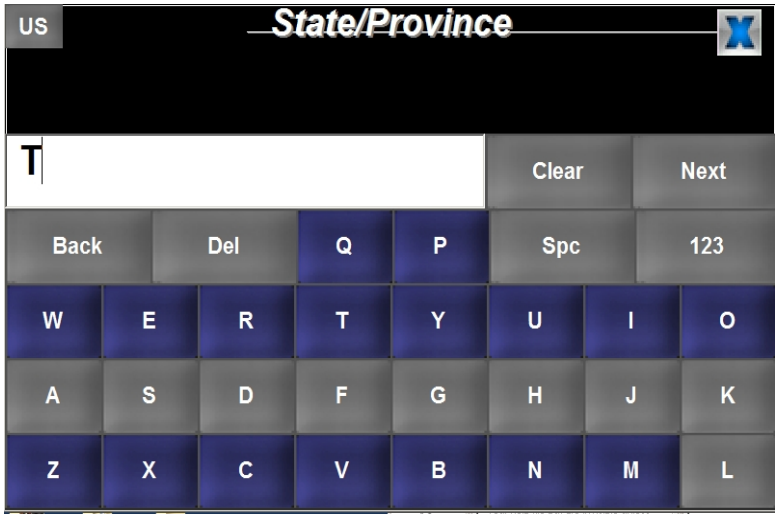
Press <Menu>, then <Find> to get to the Find Wizard Menu.

Find Wizard Menu

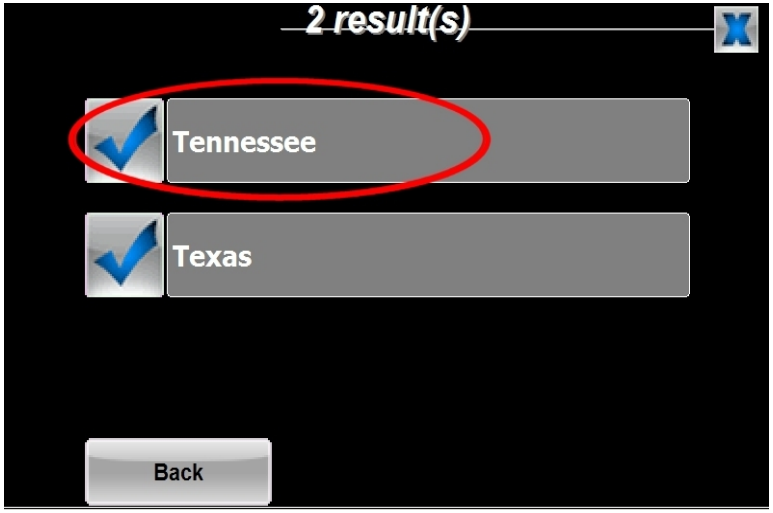
1. Press the <Address> button. You will be prompted to enter an address beginning with the State. The

Smart Search feature will generate results for each component of your address entry based on the first few letters you type.

2. Most addresses will follow this pattern (when using the device in English language, for Spanish, the system will prompt for street name before the house number):

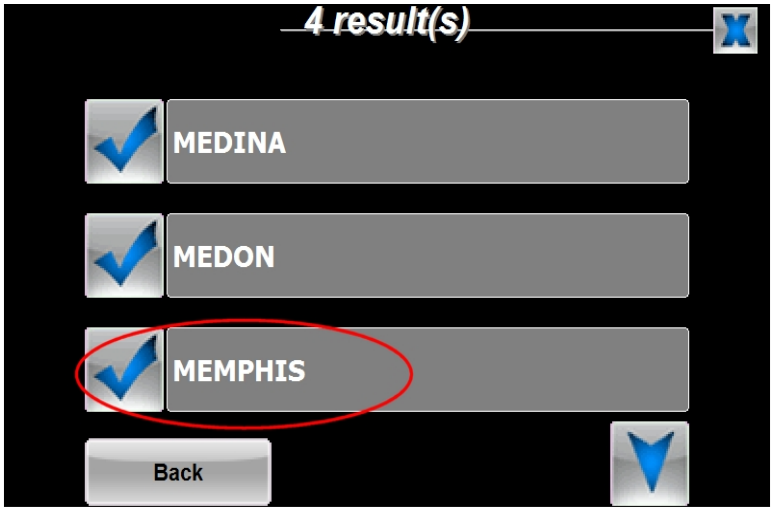


Enter First Letter or Two of the State

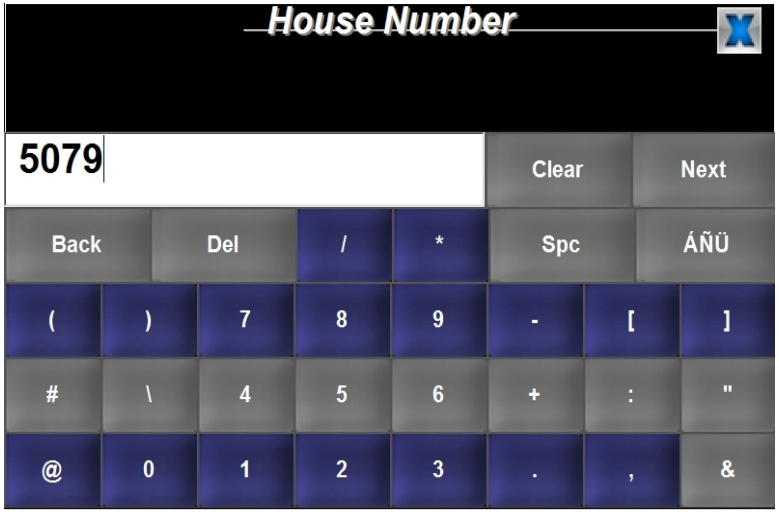


Tap the check mark or inside the box that shows the desired State

Enter the first few letters of the City (in this case "Memphis")

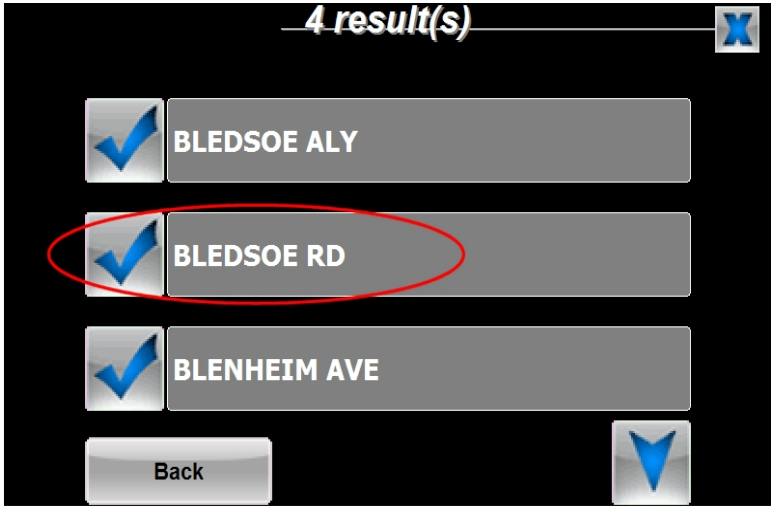


Select the desired City (in this case "Memphis")

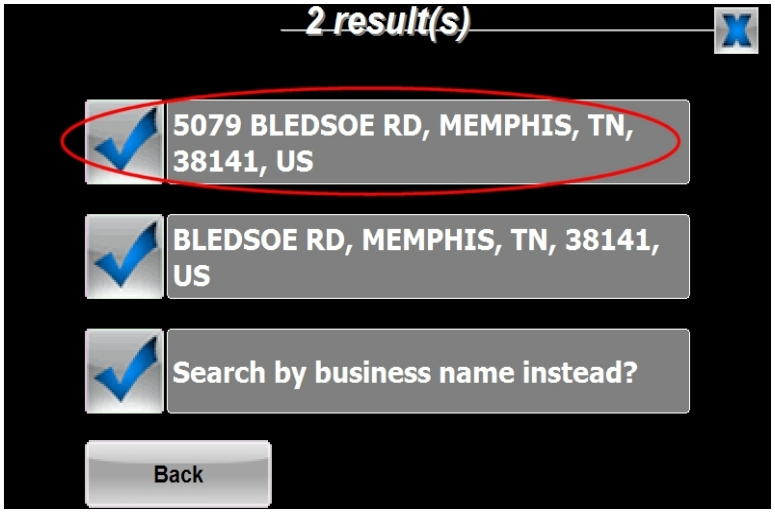


Enter the "house" number

Enter the first few letters of the Street name

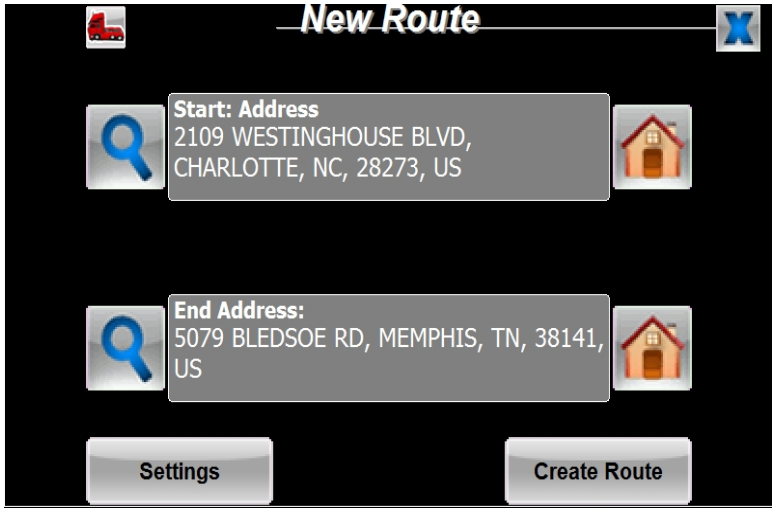


Select the desired Street name

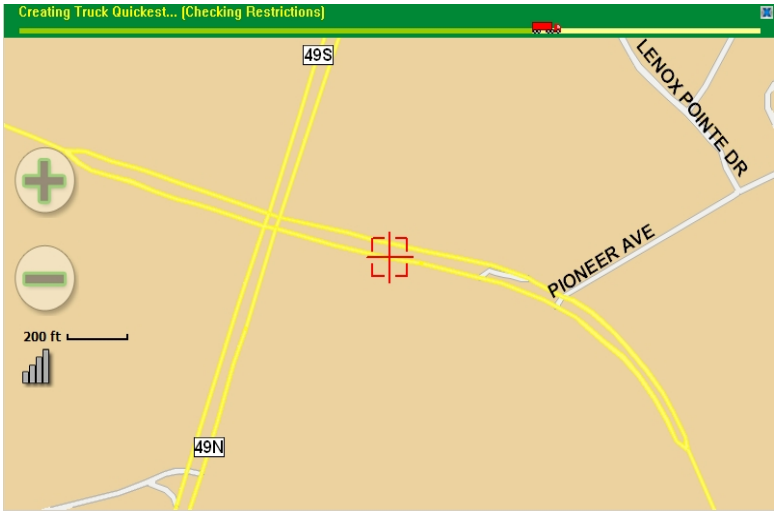


Select the desired destination from the list of results

TIP - If there are multiple results that seem to match, choose the address that matches the zip code your dispatcher provided you with the address destination.

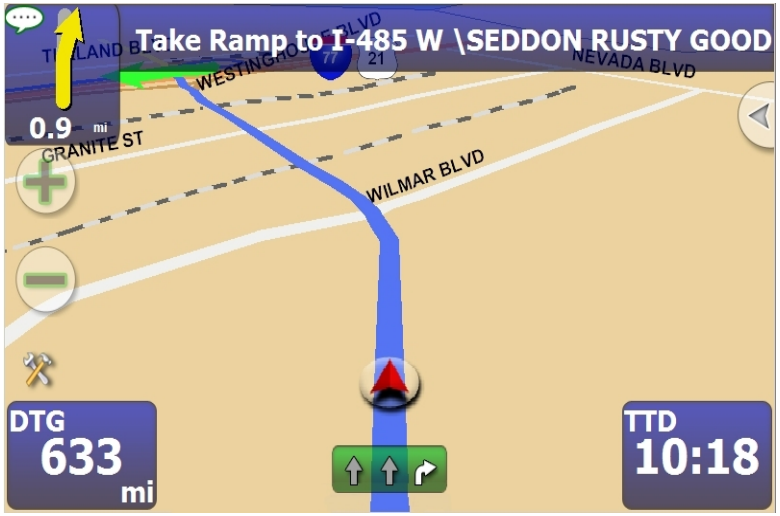


Press Create Route



Route is being created to your destination.

Route will display in "Map Mode" if the GPS is not locked into position



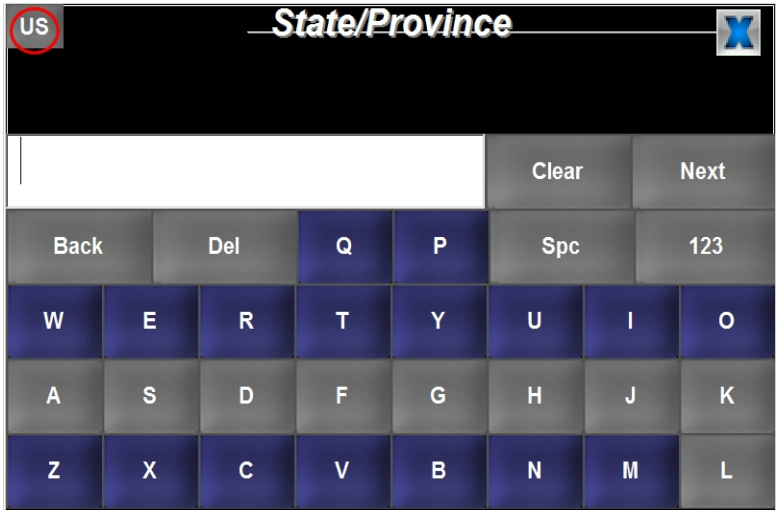
Route will display in "Navigation Mode" if the GPS is locked into position

3. For street names that include direction (N, S, SE, NW, etc...) and/or numbers, (5th Ave, 32nd St, etc...), you will need to switch between the alpha and numerical keyboard displays. This can be done by pressing the <123> and respective <abc> key once. To access special characters press <123>. <ÁÑÜ>, then <ABC> to return back to the regular keyboard.

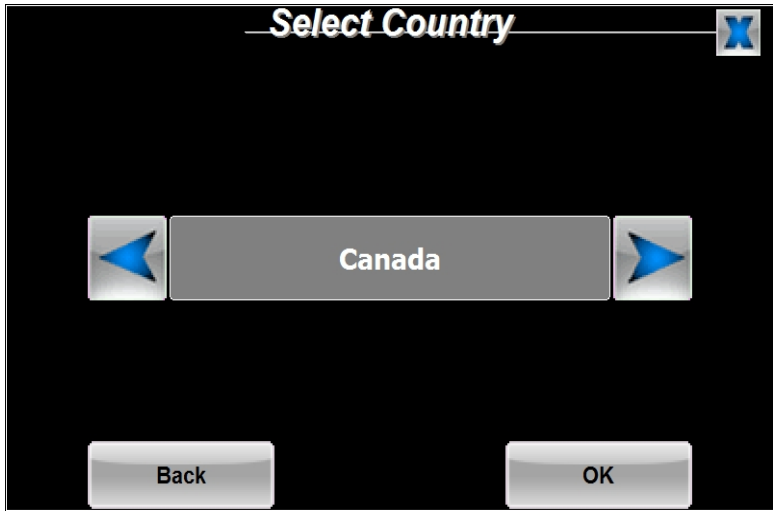
TIP - If your destination address is complicated, such as SW 49th Ave, and you are not sure how to enter just enter the numerical portion such as "49" as the street name and then WorldNav will produce a list of results from which to make your selection.

4. The GPS defaults to searching for U.S. addresses, however, if you have purchased a TeleType product which offers multiple countries, you can select the country by following the instructions below. For example, assuming Canadian maps are provided and you wish to locate a Canadian address, press <Where To> then press <Address> on the next screen.

5. Click the <US> in the top left corner.



Use the "State/Province" Screen to Change Country



Switch from USA to Canada

6. Use the blue selection arrow (left or right will work), to rotate from <USA> to <Canada>, then press <OK> in the bottom right corner. Continue

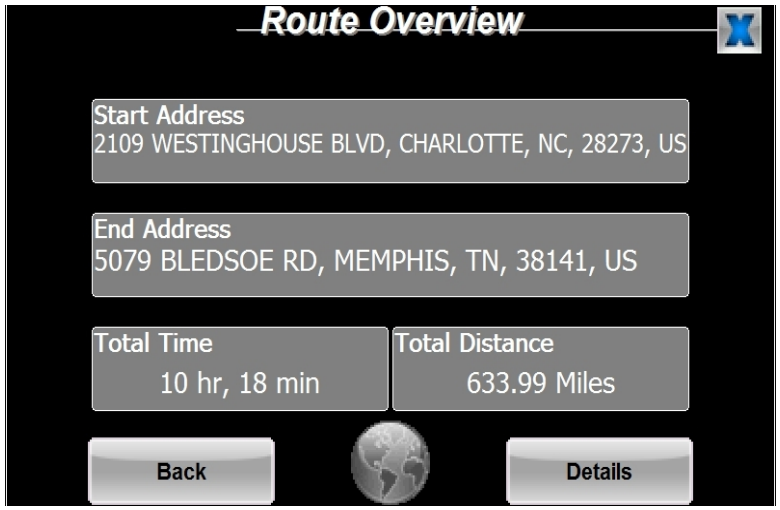
entering information as prompted.

TIP - To access special characters Press <123>. <ÁÑÜ>, then <ABC> to return back to the regular keyboard.

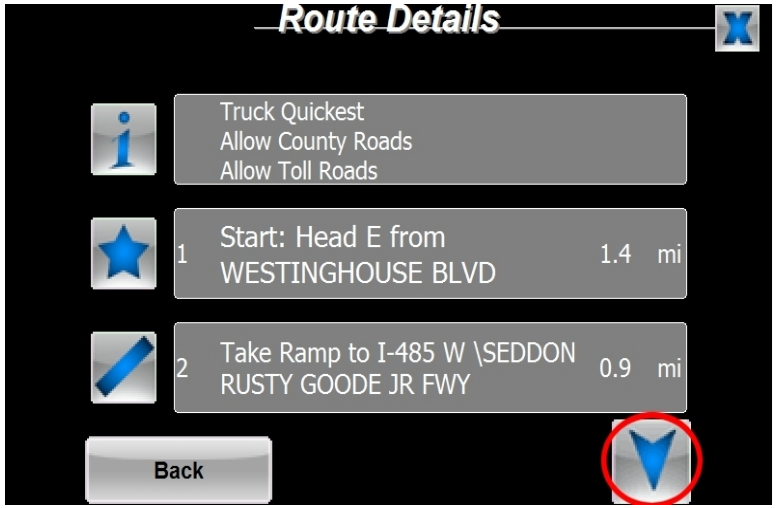
2.8 Routing to an Address

To route to a specific address, follow the instructions in the section above called "Finding an Address".

1. Press <Details> to reveal step by step instructions.
2. Once you are in Navigation mode, you are ready to drive. The GPS will prompt you at turns and you can choose which parameters you would like displayed on the Navigation Panels. You can also see the turn by turn maneuver list from the Map Mode, Press <Menu> , <Route>, <View Route>, <Details>.
3. Press the globe icon found at the bottom center of the screen to display the entire route on the map.



View Route Results



Route Details - Press the Blue down arrow to advance to the next screen to see more instructions.

TIP - Tap any instruction to display that specific turn on the map.

2.9 Routing to an Intersection or Exit

WorldNav allows you to route to a street intersection or highway exit if you do not know the exact address of where you are going. Note: Intersections are for streets only. Use the "Highway Intersection" feature to route to a freeway or highway Exit.

1. Press the <Menu> button and then the <Find> button, press the right blue arrow to advance to the second page of options which will display <Intersection>, <Highway Exit>, and <My Points>.

2. Press the button labeled <Intersection>.

Find Wizard Menu Second Page

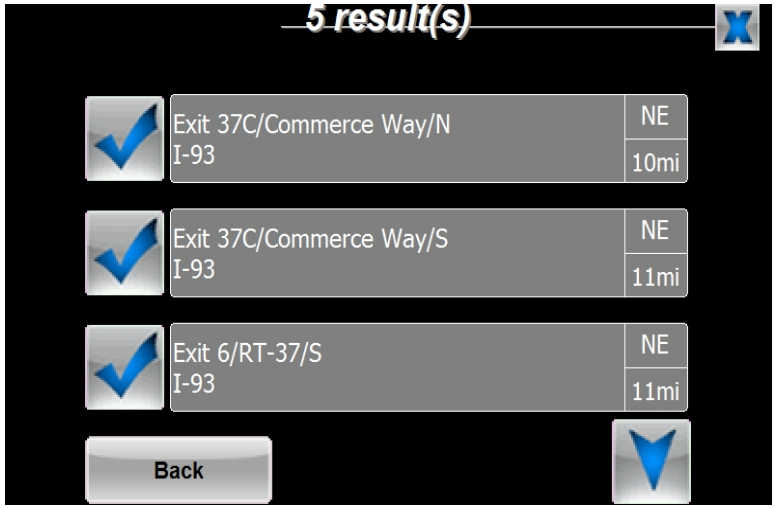
3. You will be prompted to enter the first street name. Make your selection by touching the check mark next to the street name in the list of possible

streets. Enter second Street name.

4. Select the correct intersection.

5. You can now display the route to this intersection from your current location simply by pressing <Create Route>. You will automatically be taken into driving mode and guided to your destination. If you would like to view the route you can select <View Route> from the Route Menu at any time.

To route to a specific Exit number use the "Highway Exit" feature to Use the same process to enter a Highway Exit as your destination. In this example the search was for exit number 37 on I-93 in the state of Massachusetts. You will be prompted to enter state name, highway (or freeway) number, and finally the exit number. A list of results will be displayed.



Select the desired Exit number from the search results.

The My Points routing feature is described in the section called "Working with My Points".

2.10 Routing by Business or Service (POI)

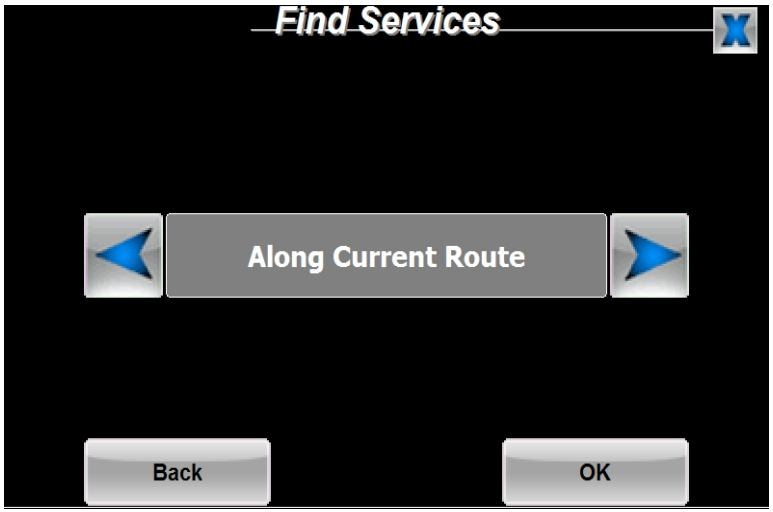
There are a variety of names used to refer to Points of Interest (POI), sometimes they are called "Businesses" and sometimes they can be called "Services". The WorldNav software refers to these types of points as "Services" such as a restaurant, gas station, truck stop, rest area, or CAT scale location. Truck Stops are searchable by brand name, resulting in faster and easier access to desired location.

1. Select <Menu> and then <Find>.

Find Truck Stops, Restaurants, and more

2. In the Find Wizard, select <Services>.

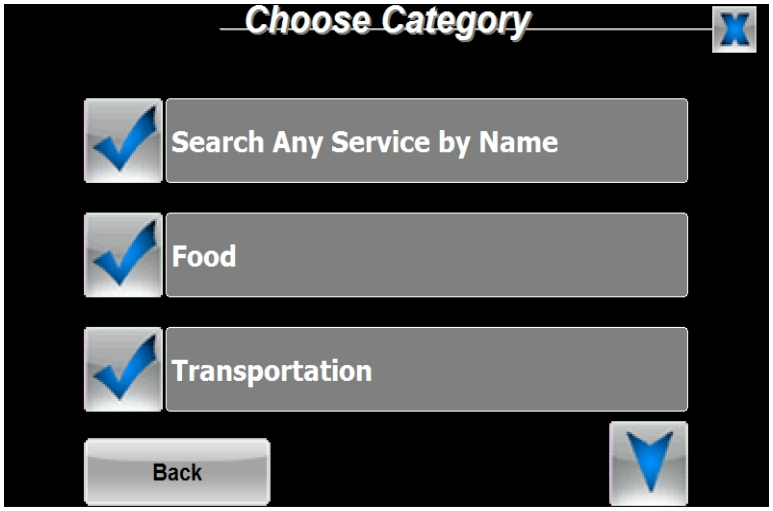
3. Use the right and left arrow icons in order to select your service search option. You may choose from <By Phone Number>, <By Nearest>, <By City/Town> or <Along Current Route>. <Along Current Route> works only when there is a route entered. When your preferred Route option is displaying in the text field, press <OK>.



Services Search Option Screen

4. Select <By Nearest> when you do not know the address or need to find something close by.

5. Select a category such as Food, Transportation, or Other. If you are unsure, select the category "Other", (found on the second page of the menu).



Select Service Category

6. To find Truck Stops press "Transportation", then choose the desired brand or type in the name.

Search for Truck Stops by name or brand

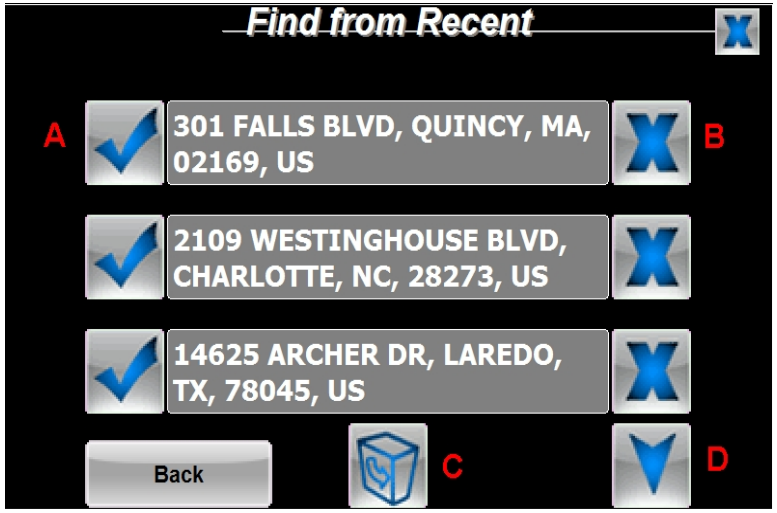
7. Select the desired brand, use the down arrow to access additional pages of options, in this case the second page shows Loves, Petro, Pilot. Choose the desired truck stop. This location will now be clearly visible along your current route and you will now be able to route via this location.

2.11 Search Along Current Route

Searching <Along Current Route> allows you to search for Services such as truck stops or gas stations from your current position forward along the route. The corridor along the route is approximately 2-3 miles from the road and works only when there is a route entered. Your position does not need to be fixed. Refer to the section above called "Routing by Business or Service" to learn how to find points of interest (which we call "Services") along your desired route.

2.12 Recent Location History

WorldNav retains approximately the last 20 addresses you have visited, this is called "Recent" in the Find Menu area. If you need to keep more locations, use the My Points feature. There are two ways of accessing your Recent History. First, by selecting <Where To> then <Find>, right arrow, and then <Recent>. From here you may press a corresponding check mark to show the address, delete a listing, route to the point, or view more listings within the history. Press the trash icon to delete the entire history.



History of Previous Search Results

A. Press the Check Mark to reveal choices such as route to the point.
B. Press the big blue X next to the listing to delete that point.

C. Press the Trash Can icon to delete all points including those found on another page within the recent history.
D. Press the blue down arrow to advance to the next page of points in the listing.

NOTE - You are only able to manage your Find History by accessing it through the Main Menu. When accessed through the Where To menu, the GPS will assume that the location you have chosen location is your desired End Address.

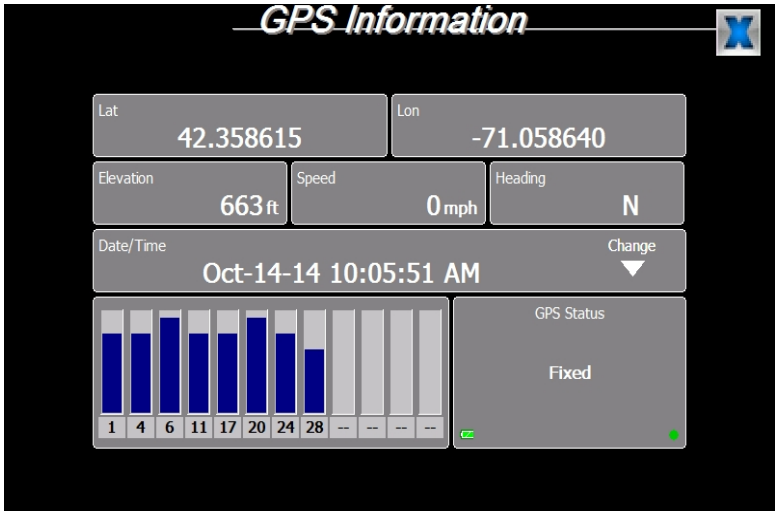
2.13 Avoid Road Ahead and Clear Route

If you would like to avoid an upcoming stretch of your route due to an accident, delay or detour and return back to your desired route, you can check the map for any pink areas before starting your detour. You can also use the Detour function which allows you to avoid a portion of the route by distance such as 1, 3, or 5 miles. If you need to avoid further than 5 miles it is best to detour manually. Change the Route Setting to another option such as Truck Shortest, and generate a new route. The GPS will automatically re-route you if you decide to veer from your original route.

If for some reason you do not wish to follow a route, you can clear the existing route from the screen by pressing <Clear Route>.

2.14 Your GPS Settings

Press <Menu>, press the right arrow icon twice, <GPS Status>. The GPS information screen shows your latitude, longitude, elevation, speed, heading (direction of travel), date/time, the total number and strength of satellite signals. The green dot on the bottom right of the panel indicates the GPS is locked in. The dot will change colors based on the following status: Red - not locked in; Yellow - Acquiring Satellites; Blinking Green - getting close to locking in; Green - position fixed. The bars at the bottom left of the screen show you the strength of the signal for each satellite found. You will need at least 3 satellites to lock into position, and 4 satellites or more for best accuracy. In the example below, there are eight satellites locked into position indicating a very strong, accurate position. See Section 4.6 to adjust time.

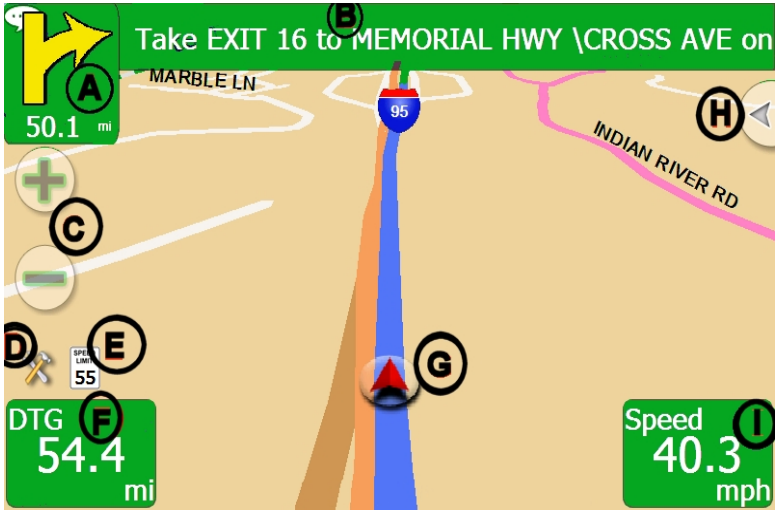


GPS Information Screen

2.15 Navigation Mode

Once the GPS is locked in and a route is set, you'll be in "Navigation Mode". The picture below shows the basic description of the functionality of the Navigation screen.
The Nav Panel colors will vary based on type of road. The Navigation information is displayed on the screen and also functions as shortcuts to several features.

The Nav Panel colors are as follows: *(Colors are visible when viewing this guide on line).*
Gray - Lost Signal temporarily (such as a tunnel), it it is a prolonged time then the navigation menu will disappear and you will be returned to Map Mode.
Red - Restricted Area (get out!)
Green - Navigation Mode
Blue - Simulation Mode (used for training and documentation)

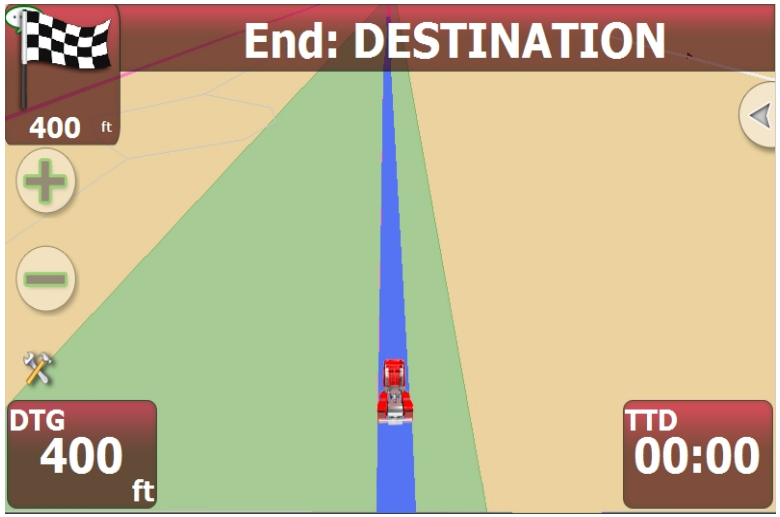


Navigation Screen

A. Distance to Next Turn, and Repeat Voice Instruction (see "Special Features" Repeat Voice to learn more.
B. Next Turn Instruction - name of road and exit number when appropriate. Tap to display "Route Details".
C. Zoom In (+)/Out (-)
D. Tools Menu - tap to get back to Map Mode with access to the WorldNav menus.
E. Speed Limit - turns red and blinks if you exceed the limit
F. Tap the blue left panel to independently configure both the left and right blue areas to display the desired data such as Distance to Go, Estimated Time of Arrival, Speed, and much more.
G. Current position on the route
H. Tap the arrow to reveal the split screen, it will

change to an X, tap the X to go back to full screen
I. Tap the right bottom panel for quick access to the Trip Statistics menu.

Lost Signal / Tunnel - Navigation Screen Turns Gray



Restricted Area - Navigation Screen Turns Red

Your destination will be marked with a checkered flag icon on the map. Every attempt has been made to route you so that you end up on the right side of the road so that the approach is made easy.

Touch the screen to exit Navigation mode and return to Map Mode. This can be helpful if you want to look at the map in greater detail or access some of the other menus of the GPS navigation software.

2.16 Main Menu Review

The WorldNav main <Menu> is spread out over four screens. To advance to the next screen press the bottom right arrow icon. Likewise, to go back to a menu, press the left arrow icon found on the bottom of the screen.

Menu Screen One

- **Find**— provides access to the Find Wizard, situated on two separate screens. Locate an Address, Service (such as a Truck Stop), Home, Intersection, My Points, or view your Find History.
- **Info**—provides information on your current location (useful for filling out your IFTA reports), and also allows you to mark your current position or route directly to that point on the map, as well as provide easy access to the program version number.
- **My Points**—allows you to mark or manage your

My Points (favorites) and set your Home address.

- **Route Menu**—lets you into the Route Menu, situated on two separate screens, in which you can view a route, create a new route, clear an existing route, start a simulation route or select route settings where you can indicate your preference of Quickest Route, Shortest Route, Avoid Highways or Truck Route. (Details in Section 4.1)

TIP - Tap the top left letter I icon to obtain information about the specific screen being displayed.

Menu Screen Two

- **Map Settings**
- **2D/3D**—lets you change between two and three dimensional views and offers another method of accessing the Split Screen feature. Note: You will not see the names of most roadways on the 3D view however the map will look more realistic.
- **Units**—lets you choose to navigate in either English or Metric units.
- **Services**— allows you to display services such as Restaurants, Gas Stations, Truck Stops, CAT scale locations and Rest Stops.

TIP - Truck Stops are set to be shown at all times. Attempting to display all of the other points all the time will slow down the functioning of navigation. The system will find points when you search even if they are not displayed on the map.

- **Day/Night**—switches from a night screen to a day screen and vice versa to allow for improved visibility.

Menu Screen Three

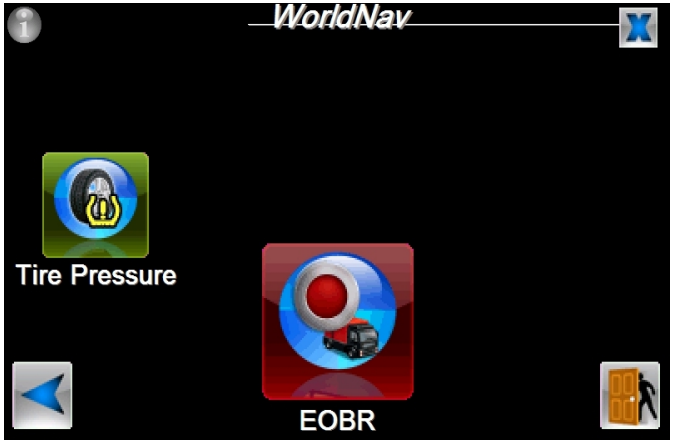
- **Trip Stats**—displays trip statistics such as total time, distance traveled, current speed, and provides access to two odometer settings and distance traveled per state (useful for IFTA reports).

TIP - Tap the Odometer field to reveal the total miles traveled in each state. After you fill out your IFTA report you can reset the odometer. Reset each odometer independently.

- **Voice**—allows you to change the voice and language of the WorldNav.
- **Nav Panel**—lets you set two identifying panels on your navigation screen including Distance To Go, Speed, Odometers, Satellite Info, Estimated Time

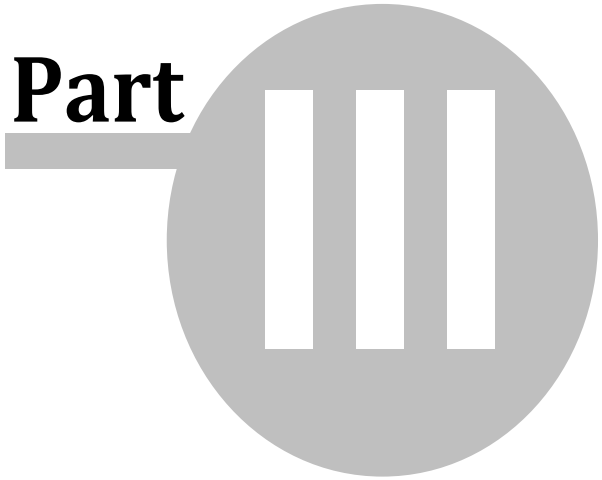
of Arrival, Current Street Name, and more. Also includes rotating information display.

- **GPS Status**—provides GPS information such as latitude, longitude, elevation, speed, heading, date/time and strength of signal.



Menu Screen Four

- **Tire Pressure**— function available for WorldNav 7400 model only. Requires tire pressure sensors and transmitter sold separately.
- **EOBR** — The Electronic On Board Recorder provides an easy way for you to keep track of hours in service by type.
- **Application Exit** — provides easy access to the hardware functions of the GPS.

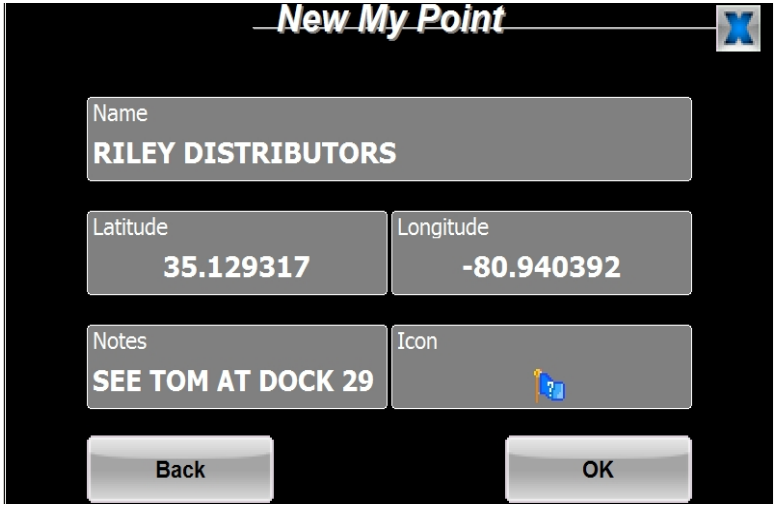


3 Working with My Points

3.1 Create a My Point

A "My Point" is a position marker that can be used to help create a multiple point route or to mark a position for future reference. You can think of the My Points area as a listing of your favorite places. You can create My Points regardless of whether the GPS device is active or inactive. Center the map on the position for the My Point, press <Menu> , <My Points>, <Mark Position>. The Mark Position Screen will come up allowing you to enter a name, and then you may assign an icon to your new My Point from the icon gallery. The position will now be saved as a My Point and can be accessed for future use.

You can also manually enter a point using GPS coordinates (latitude and longitude). Use the "Manual Entry" feature and tap each window to enter the desired information. You can even store notes for a specific point.



Manual MyPoint entry using GPS coordinates

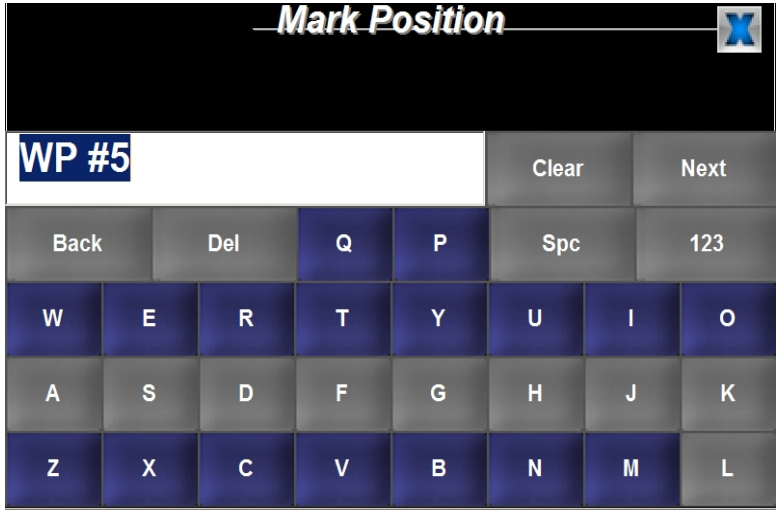
3.2 Mark My Point at Current Position

While in Map Mode, press <Menu> and then <My Points>.

1. Press <Mark Position> to mark your current position.

My Points Menu

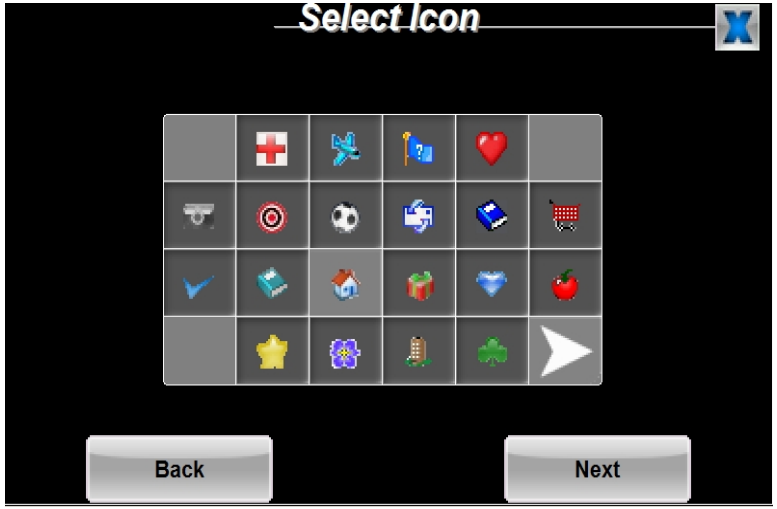
2. Enter the name for your current position and select an icon to represent the position.



Default Naming of MyPoints Start with WP#

3. Your current position is recorded and will appear on the map. You can change the name of the MyPoint and assign an icon as desired.

Rename the MyPoint for easy reference.



Selecting a My Point Icon

4. Press <Next> to finish, and the point will be displayed on the map. You can easily reference

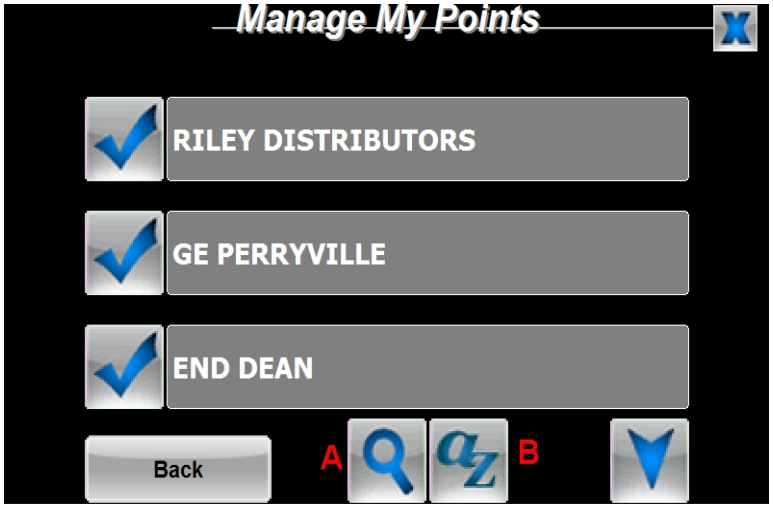
this point later in case your recent history is full, this point will remain in your GPS for future use.

3.3 Finding a My Point

Find previously created MyPoints using the FInd Wizard menu.

1. Press <Menu>, right arrow icon, then <My Points>.

2. Press the corresponding check mark to proceed.



Manage My Points

A. Use the magnifier tool to search for MyPoints by name.
B. Use the AZ button to sort the list of points alphabetically.

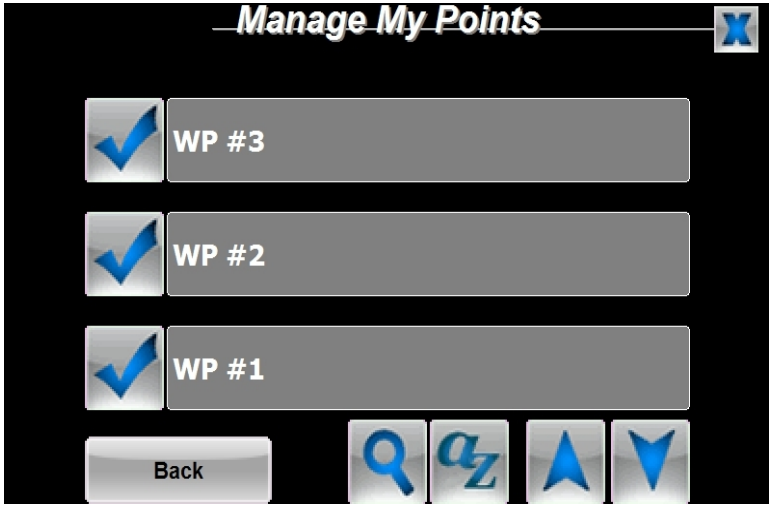
3. Press the check mark next to the desired point to access MyPoint routing and editing.

3.4 Using My Points

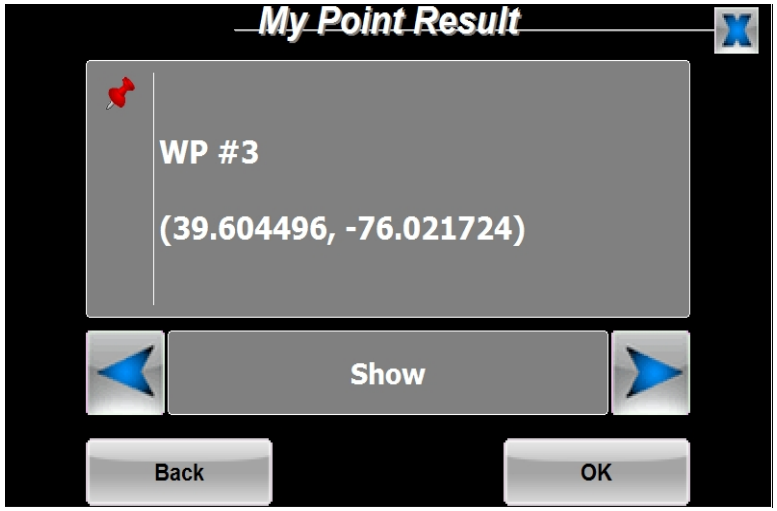
When you create a MyPoint there is a default naming convention, the first point will be labeled WP #1, the next one will be WP #2, and it will continue for several hundred points. You can rename the point for easier reference.

To edit your My Points, press <Menu> and then <My Points>. This will take you to the My Points menu.

1. Select <Manage>, then press "Manage My Points". Press the check mark icon next to the My Point you wish to edit.



Manage MyPoints Default Naming



Default My Point Details

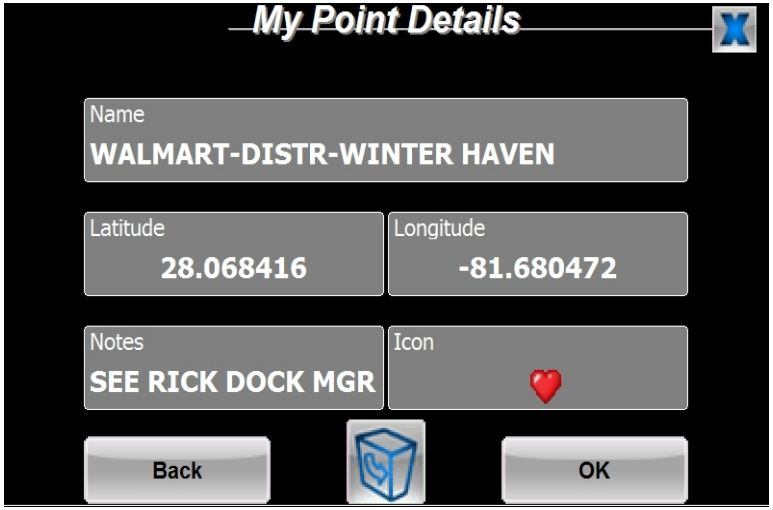
Manage My Points

A. Tap the check mark or the text in the gray box to access options of editing or routing to points

B. Search for Points by name

C. Alphabetize the list of points

D. Scroll to the next page of the listing



Editing your My Points

2. Use the blue arrows to select <Show>, <Route To>, <Route Via>, <Edit> or <Delete>. If you want to see the coordinates of a particular point, press <Edit>. You can change any of the values such as name or coordinates by tapping on the appropriate field.

3. When you are finished with any edits to that particular My Point, press <Back>.

4. To delete a point, select the trash can icon.

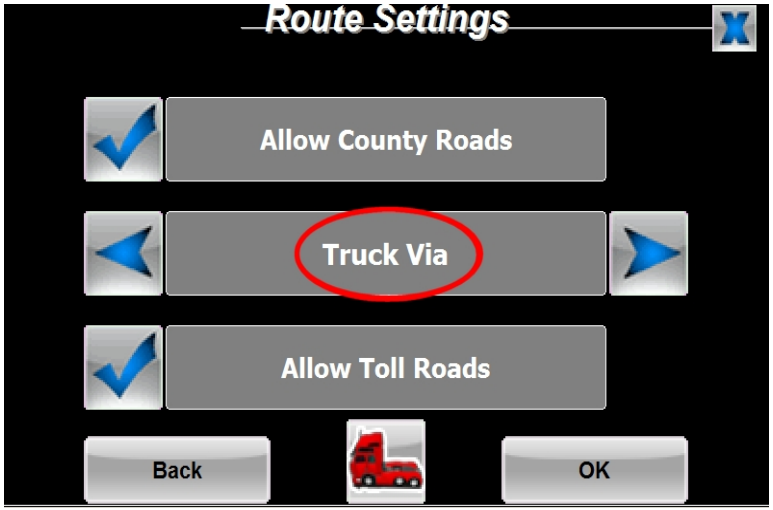
5. To view your edited My Point, press the check mark icon next to it. Select the "Show" option displayed in the text field and press <OK>. This will take you to the map with your My Point centered on the screen.

3.5 Routing Via My Points

Using your My Points feature, it is possible to create a route with up to 10 stops by selecting the "Truck Via My Points" options in your Route Settings.

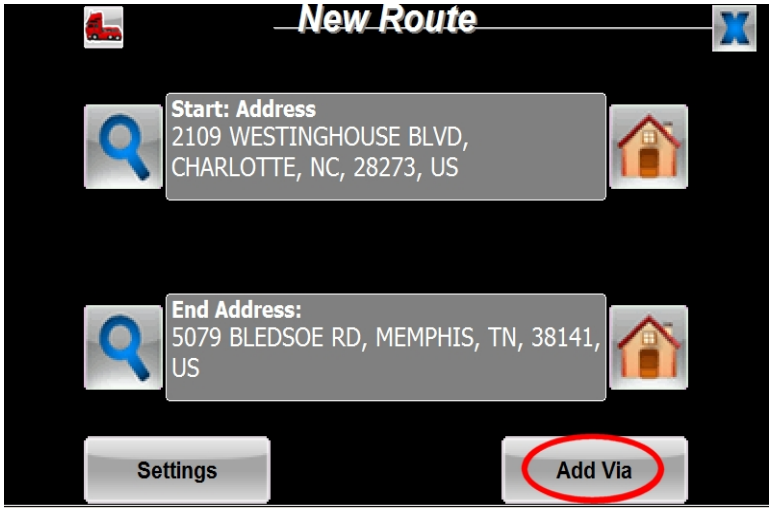
To create a route with VIA points, select <Menu>, <Route Menu>, <New Route>. Once you have your route selected, tap the <Settings> button.

1. Use the right or left arrow icons to select <Truck Via> in the middle panel.



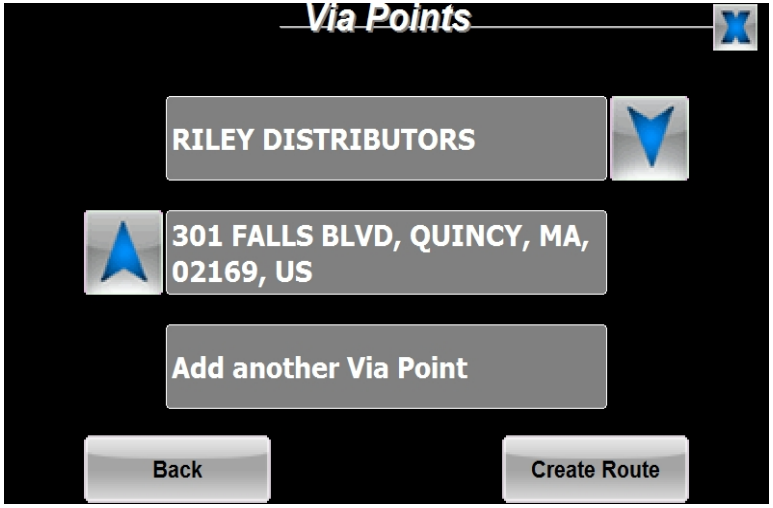
Route Settings Page

2. Press <OK>, notice that the button that is normally called <Create Route> is now <Add Via>. Press the <Add Via> button to begin adding your desired stops.



Select Desired My Point

3. You will be returned to the "Find Wizard" which will allow you to choose your stop points from any one of the methods normally used to select destinations such as MyPoints, Recent History, Services, Address, and Home. Use the Up and Down blue arrows to change the order of the points along your trip.



Choose Order of My Points

4. Press <Create Route> when you are finished adding your Via Points into your route.

Part IV

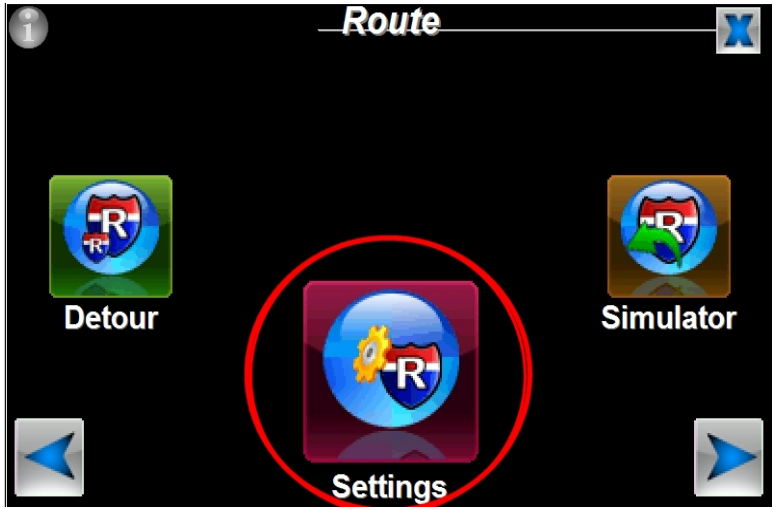
4 Navigation Preferences

4.1 Selecting Route Preferences

Using your Route Settings, it is possible to select the desired method of routing and truck setting that best suits your trip. You can choose from Quickest Route, Shortest Route, toll road avoidance, and more. You can also adjust your truck's height, weight, length, and Hazmat level.

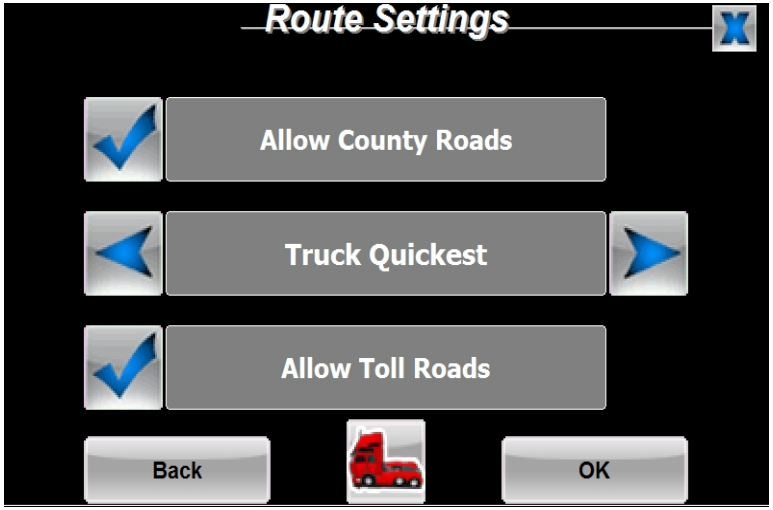
There are two ways to access the Truck Routing Settings. Regardless of how you end up on the Route Settings page once you are there, the process is the same for making selections.

1. Press <Menu>, <Route Menu>, right arrow, and then <Settings>.



Route Menu

2. Use the Route Settings Screen to select your route preferences. Allowing County Roads* and Allowing Toll Roads are indicated by a blue check mark. You can deselect these options by pressing the icon once. A grey "X" icon will display when the feature is not activated.



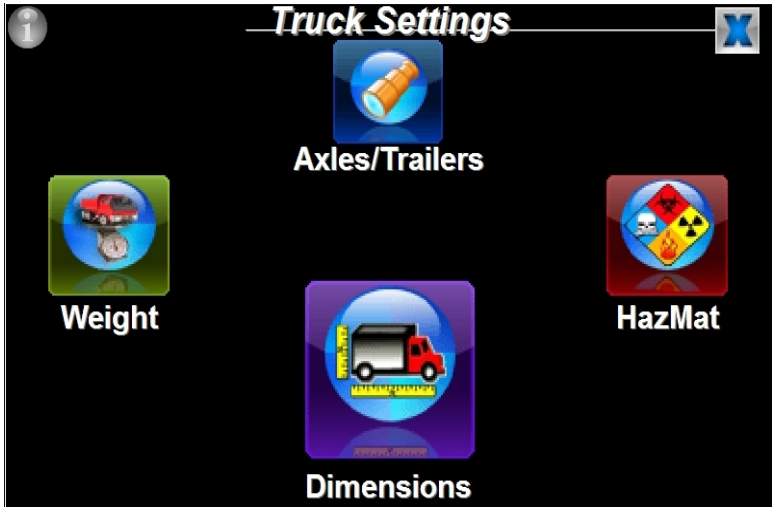
Route Settings

You also have the choice of several route methods depending upon the product you are using. Use the right and left arrow icons to choose the desired method of routing. In most cases the route will change based on your choice. Keep in mind that in some cases the same route will be generated regardless of the setting. You can select from:

Truck Freeways - favors highways - it will route around major cities
Truck Quickest - will result in the fastest route, usually results in a route taking the least time
Truck Shortest Distance - will result in the shortest route, likely to require more turns but may save gas due to shorter distance
Truck Emergency - disregards all road restrictions EXCEPT low bridges
Truck Via My Points - allows route to be created through user-defined points

To insure that you will be routed using roads that are suitable for trucks, be sure to keep the routing setting on Trucks. The default truck configuration is: 13' 6", 53', 80,000 lbs, no Hazmat. To change this configuration follow the steps below.

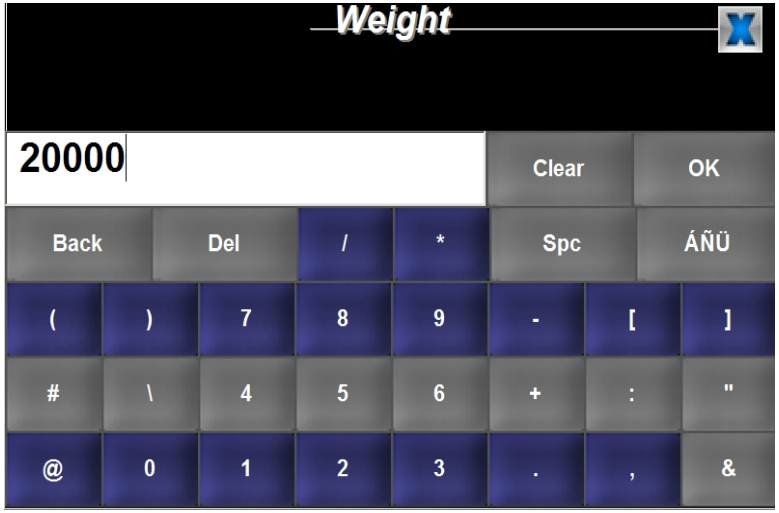
3. Press the Truck logo found at the bottom (middle) of the Route Settings screen. This will display your truck settings screen.



Truck Settings

4. Use the white arrows to change the values a little at a time. For example, to change the height to 13' 9" (instead of 6"), press the right arrow button 3 times. You will see that the value changes from 6" to 7" to 8" to 9". If however, you need to make larger changes, it is better to press the word "Height" - then a keyboard menu will appear and you will be able to enter the value faster, such as 12 feet. Select the Weight icon to allow you access to change the value to another value.

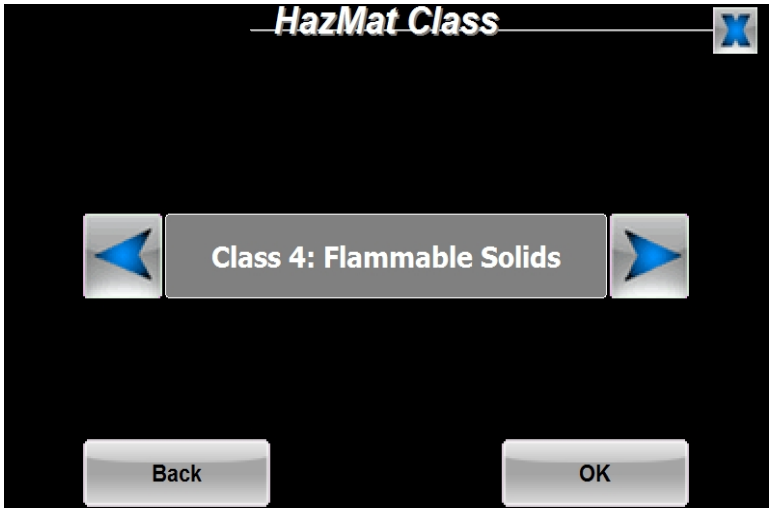
Changing Truck Specification Values



Easily enter a new weight value such as 20, 000

4. The default Hazmat setting is “0” meaning No Hazmat. To change the Hazmat class, tap the 0,

you will see that it will display “1”. Keep pressing the number until the proper class number appears.



Truck Settings: Hazmat Class Changed to 4

When the Route Setting screen displays your desired routing preferences, press <OK> to apply.

County Road Setting - On / Off. An "X" next to the setting indicates that routing will avoid County Roads, while a check mark indicates that County Roads will be used if it makes the route significantly shorter. The default is to avoid county roads as they tend to be narrow and winding. There are however some county roads found especially in parts of the Midwest and Southwest USA which can be suitable for commercial travel.

4.2 Choosing a System of Units

Specify whether the WorldNav should display measurements in Metric or English units. The WorldNav has set up for use in the U.S. therefore English units are the default value. If you are using the GPS in Canada you may wish to change to Metric.

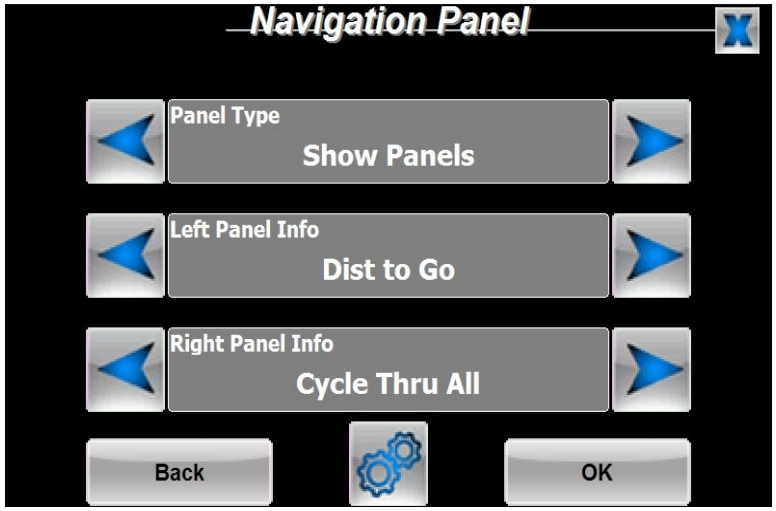
1. Press <Menu>, right arrow icon and then select <Units>.
2. You can switch between Metric and English units by pressing the arrow icons. Select one and then press <OK>.

4.3 Selecting Navigation Panel Preferences

The GPS will display vital information on the panel. The name of the next street you must turn onto is displayed at the top of the Nav Panel. The distance to your next turn, as well as a directional arrow, are shown on the upper right section. A checkered flag will appear in the same section when you reach your destination. The two other information areas in the bottom right of the Navigation Panel can be customized. There are two ways to access your Navigation Panel Preferences.

1. Press <Menu>, scroll to the third Menu screen by pressing the right arrow icons twice, and then press <Nav Panel>. You can choose to display or hide the navigation panels. You can also choose two values to be displayed in the Navigation panel in either the lower left and lower right panels. For a quicker way to access your Navigation Panel Preferences while in navigation mode, tap the lower left navigation panel (shown circled below) .

Press Lower Left Panel for Quick Access to the Navigation Panel Preferences



Navigation Panel Preferences

2. In the Navigation Panel Menu, you can scroll the Upper and the Lower panel to select one of the following trip information items:

- **Arrival time:** Estimated time of arrival (this is NOT adjusted for time zone)
- **Via Arrival time:** Estimated time of arrival to your next Via point, (this is NOT adjusted for time zone, and will be blank if you are not using Via points)
- **Dist to Go:** Distance remaining in your current route
- **Dist to Via:** Distance remaining to your next Via point (will be blank if you are not using Via points)
- **Heading - Degree:** Directional heading focused on degrees, such as 270º (which means you are traveling West)
- **Heading - Text:** Directional heading focused on text, such as *West*)
- **Odometer1:** Odometer 1 - you can decide how you want to use this setting, you might want to keep track of miles since your last oil change
- **Odometer2:** Odometer 2 - you can decide how you want to use this setting, you might want to keep track of total miles by state
- **Satellite Info:** GPS signal strength
- **Speed:** Current ground speed based on GPS signal
- **Time:** Current GPS (UTC) time

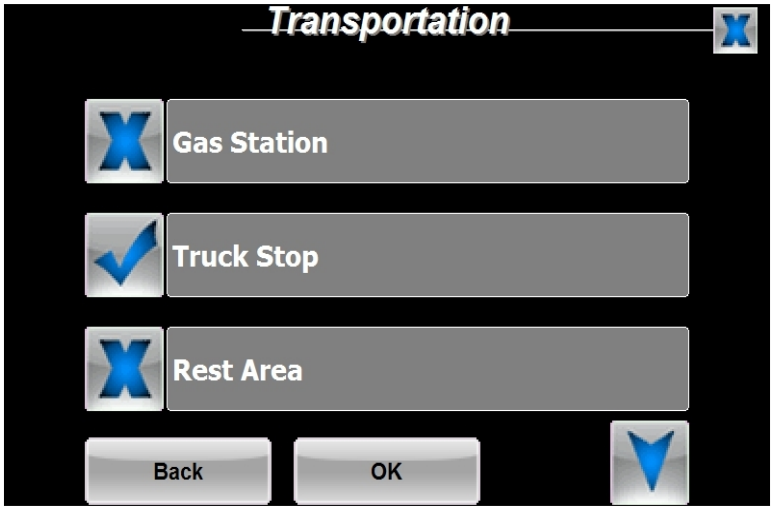
- **Time to Dest:** Estimated time until destination
- **Time to Via**: Estimated time until you reach the next via point. (This will be blank if your are not using via points).
- **Time to Turn:** Indicates how many minutes or hours until your next turn
- **Current Street:** Displays the current street you are traveling on
- **EOBR Elapsed**: If you are using the Electronic On Board Recording feature it will display the number of hours you have been driving.
- **Sunrise/Sunset:** Estimated time of each
- **Battery:** Battery power, typically green indicates that the GPS is charging (this depends on which WorldNav GPS model you are using).
- **Cycle Thru All:** Cycles through all trip information items
- **Nav Panel:** Choose from Show or Hide, the default is Show so that you can always see the information as you navigate. If you want more map area and simply want to hear the instructions without seeing any information on the screen, you can select "Hide".

4.4 Setting the Services Preferences

Choose the types of Services that you would like to appear on the map as you travel.

> **TIP** - Normally you will keep all the services turned off and only display Truck Stops and Weigh Scales at all times. The system will always be able to find services such as hotels, restaurants, rest areas, and more. The more points of interest you display, the slower the navigation and routing will take.

1. Press <Menu>, right arrow icon, and then <Services>, <Transportation>.



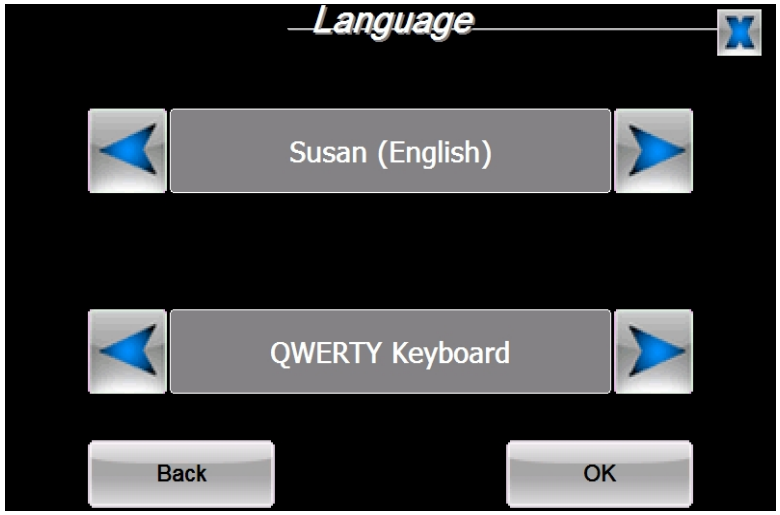
Select Services to Display

2. For example, to display Rest Areas at all times

while traveling, tap the <X> next to the Rest Area category, a check mark will then be displayed. When a category has a check mark display then it will always be displayed on the map as you travel.

4.5 Voices & Languages

Select the voice that guides you during travel.Press <Menu>, press right arrow icons twice, press <Language>. Select the voice and therefore the language that you would like to hear while navigating. The Simon and Susan voices are for English, there is a voice for Spanish and one for French. You can also choose to Mute the voice so that no voice will be heard during navigation. You can also choose the style of keyboard you enter your information with: QWERTY (Computer style) or Alphabetical. Use the right and left arrow icons to make your selections. When your preferred voice is displaying in the text field press <OK>. Notice that when you change the voice to another language the menus change to the corresponding language as well.

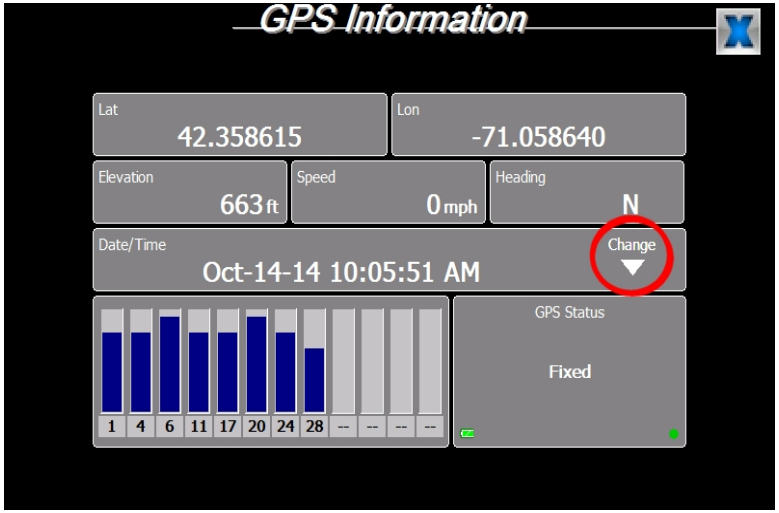


Voice/Language Selection Screen

4.6 Changing the Time

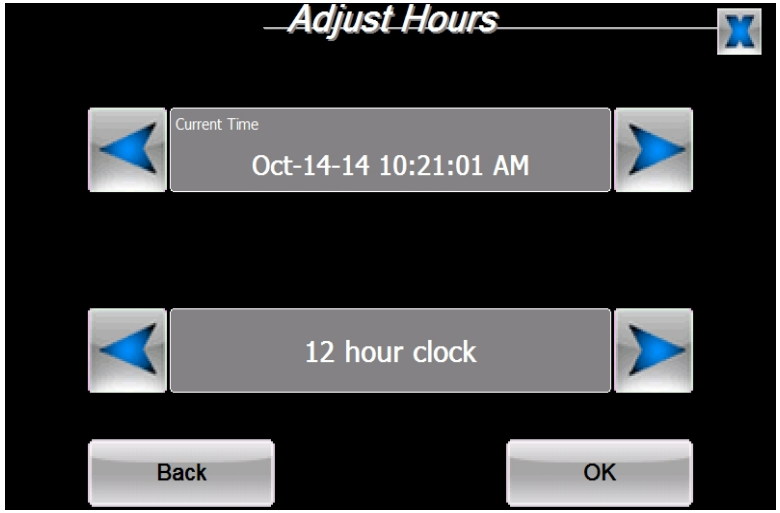
The GPS has preset time to U.S. East Coast. Change the time manually if you are in another time zone or you need to adjust for Daylight Saving Time.

1. Press <Menu>, press the right arrow button twice, to advance to the third Menu screen, then press <GPS Status>, GPS information will be displayed.

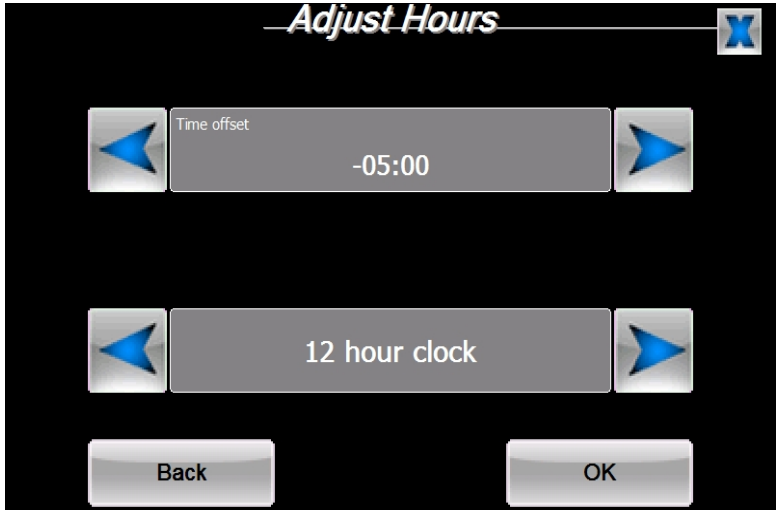


Select GPS Status

2. Tap the Date/Time field or the triangle under the word "Change" to adjust the time. Change the time by pressing the left or right blue triangles. If the GPS is locked into position you will see the date and time displayed. If the GPS is not locked in you can still change the time. See the pictures below.



Adjust Time while GPS is Locked Into Position



Adjust Time while GPS is Not Locked Into Position

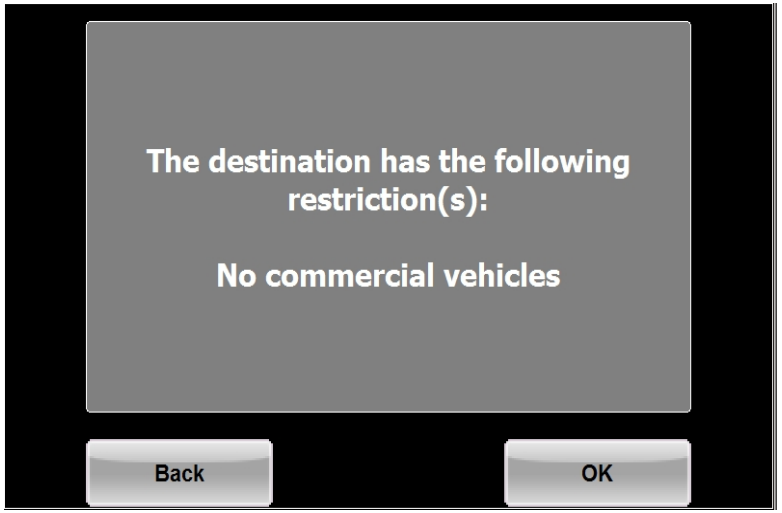
3. Choose between a 12 and 24 hour clock.

Part V

5 Special Features

5.1 Truck Restrictions

The WorldNav navigation software will automatically avoid the map areas shown in bright pink as those areas are restricted against truck travel. The types of restrictions include low bridges (height restriction), weight, No Trucks (no commercial vehicle zones). If a specific area is restricted at any part of the day we will show the restriction as valid for the entire day just to be on the safe side when creating a route for you. If you must make a delivery to a truck restricted area, it is best to check ahead with your dispatcher or the receiver to confirm. WorldNav will warn you by flashing red (instead of the usual green color of the navigation information) if you try to enter a truck restricted area.



If your destination is restricted, call ahead to make sure it is ok to deliver.

NOTE - If the navigation screen turns red (instead of green) then you have entered a truck restricted zone. Due so at your own risk as WorldNav will keep you away from these areas unless you specifically decide to disobey the GPS.

5.2 Map Information

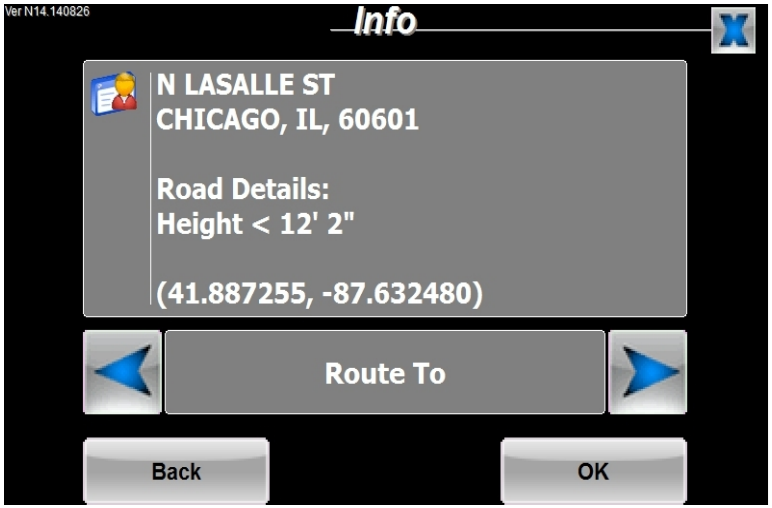
Press <Menu>, <Info>, the GPS will display the best estimate of your current location and program version number.

Map Information Screen

To learn more about the reason for the restriction, zoom in sufficiently to the map and position your target point over the pink area of the map. Select <Menu> then <Info>.

Position target for restriction info

The example below shows a 12' 2" height restriction.



Truck Restriction Info

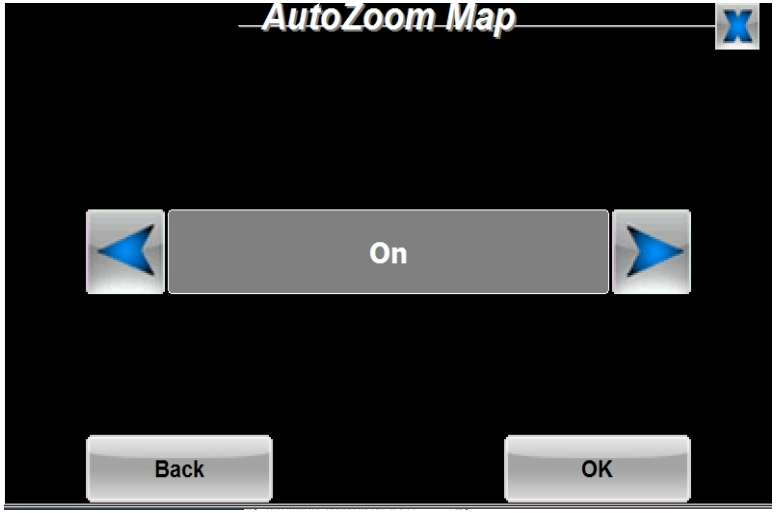
5.3 Auto Zoom

Auto-Zoom will automatically change your map zoom level depending on your speed. It will zoom in when you slow down and zoom out when you speed up. Auto-Zoom preference is part of the Map Settings menu. If you prefer to see the map at a constant display, select "OFF", then use the zoom buttons to set the desired map view. An enhanced zoom out function allows for a more detailed map view and easier view of the entire route.

1. Select <Menu>,<Right Blue Arrow>, <Map Settings>, <AutoZoom>

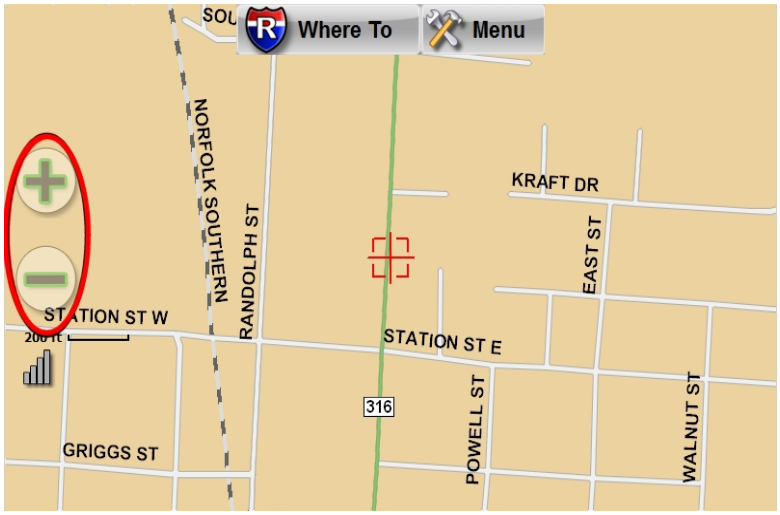
Map Settings

2. Press either the left or the right arrow icon next to turn on/off the Auto Zoom feature.



Auto Zoom

It is also possible to manually control the level of zoom while in either Map or Navigation mode and 2D or 3D Mode. Use the "+" and "-" buttons on the left side of the screen (seen below) to adjust zoom levels. You can continuously zoom in or out by holding the the plus or minus zoom buttons. These buttons are available in both map mode and navigation mode.



Zoom Buttons in Map Mode

5.4 2D/3D Views

Press <Menu>, right arrow icon, <Map Settings> and then <2D/3D>. This menu also provides access to the Split Screen view which automatically adjusts the map to 3D view on the main part of the screen (Left side) and 2D on the right side of the map screen.

Your map can be shown in two dimensions where the streets are clearly marked. This looks like a regular printed paper map. For 3D mode, only the main streets are labeled but the map more clearly displays what your route looks like while driving as you can "see" further ahead. The split screen view allows you see 3D in the main window and 2D in the smaller right side window.

Press <OK> to apply your preference.

5.5 Cursor

Through Map Settings you can also choose the style of Nav Cursor you would like to see when in Navigation mode. The default cursor shows a red triangle.

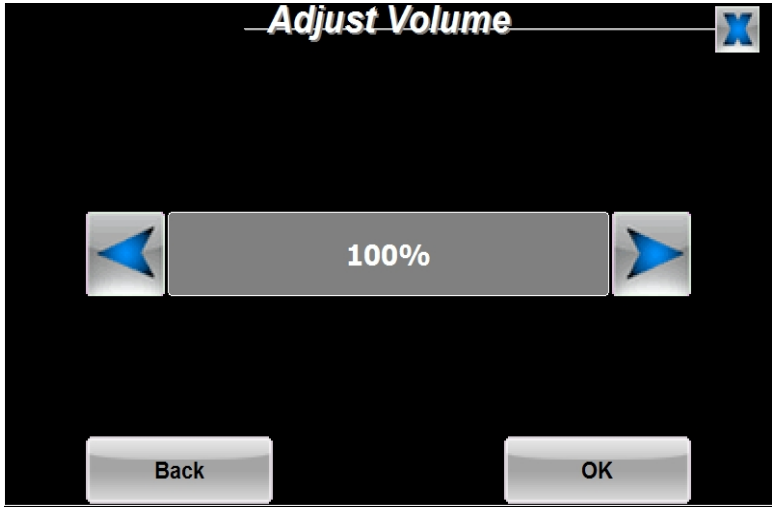
Using the right and left arrows, you can choose different colors and types of trucks. The cursor (also called an Avatar in some programs) will indicate your current position on the map as you drive.

5.6 Adjusting Sound

WorldNav offers a convenient way to adjust the sound volume within the navigation program (rather than having to exit navigation and use the hardware menu). Select the Sound Volume from any screen.

Sound Volume

The default volume is set to the highest setting which is 100%, if you care to lower the volume you can select another value. Use the arrows to view the choices. Press <OK> when you are done.



Adjust Volume

5.7 Day/Night Mode

Your map has the ability to have a black background and blue streets for improved night vision and a beige background with gray streets for day vision.

Select <Menu>, right arrow icon and then select <Day/Night>. You can also select <Auto> mode which automatically switches from day to night (and vice versa) based on your current GPS position (using latitude and longitude coordinates so that when you are far north the auto night mode would kick in at a different time from when you are far south). When your preferred mode is displayed in the text field press <OK> to apply the setting.

Note: While the GPS automatically dims the screen display in night mode, if you wish to adjust screen brightness manually see the appropriate Hardware User Guide for your GPS.

5.8 Trip Information

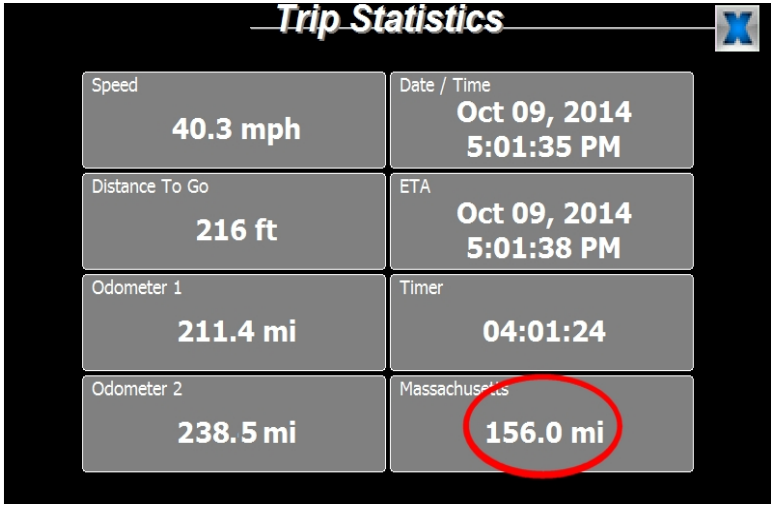
Review trip statistics including speed, distance to go, estimated time of arrival, time, odometers and trip timer simultaneously.

There are two ways to access your current trip statistics.

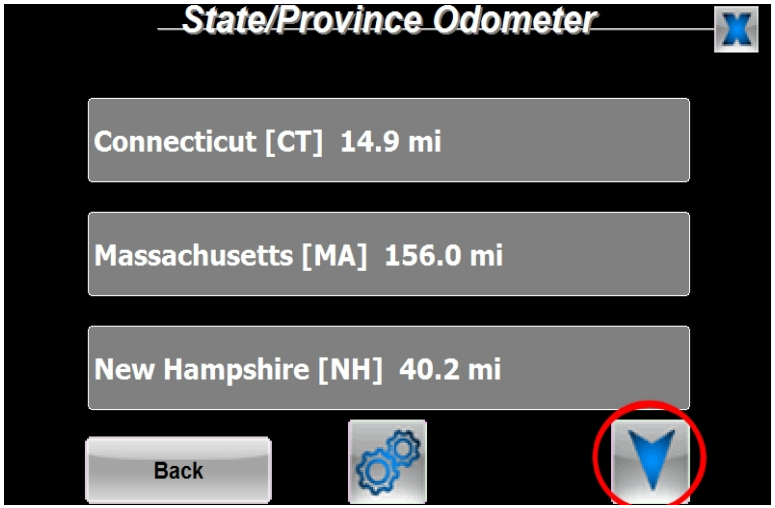
1. Press <Menu>, then use the right arrow icon to get to the third Menu screen and then press <Trip Stats> to see the Trip Statistics screen. Note that this screen is a snapshot of the data within a few seconds of the real time situation. To configure your navigation screen to show some of this information, use the Nav Panel menu to set the desired display.

2. For a quicker way to access your Trip Statistics while in Navigation Mode, tap the bottom right panel on the right side (indicated below).

Press Lower Panel (shown circled above) to quickly access the Trip Statistics screen shown below.



Trip Statistics Screen - Tap the bottom right area (shown circled above) to reveal the state mileage log



State Mileage Log - Press the bottom right arrow (shown circled above) to scroll down to the next page of entries).

TIP - The Trip Timer can be used to monitor total drive time. This feature is helpful for drivers seeking to limit number of hours driven

5.9 Simulating a Route

You can simulate a previously created route to preview what it will look like while you are driving. The simulation mode is normally used for demonstration and training purposes. Simulation mode will automatically turn off if you exit the navigation program. Your navigation panels will appear in blue (rather than green) when you are in simulation mode.

1. Create a route.
2. Press <Menu>, <Route Menu>, right arrow icon and then press <Simulator>.
3. The simulation will automatically begin.
4. To end the simulation, simply tap the screen once and a menu will appear allowing you to end the simulation. You may resume the simulation by touching the red arrow in the bottom left corner.

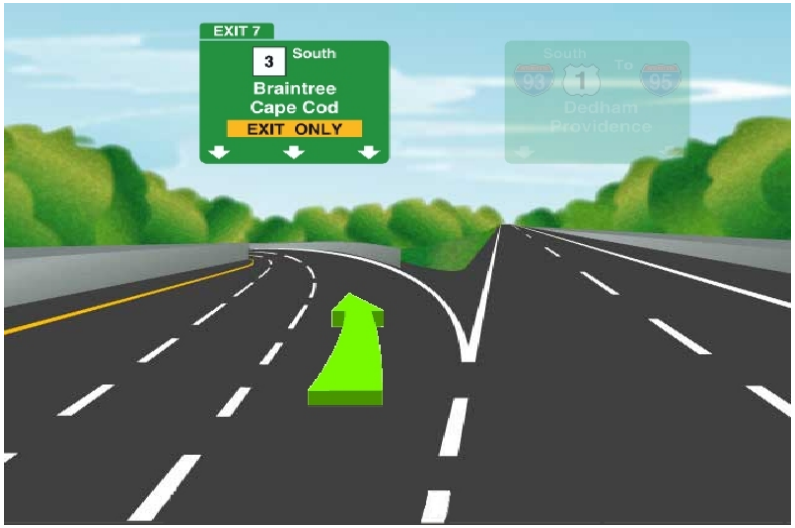
5.10 Lane Assist

Where available, (mostly for interstate travel but also available for some city roads), you will see gray and white arrows showing the lane configuration for the highway. Follow the White arrows to be positioned in the proper lane for the next turn or exit. In the example shown below, you will need to travel in the lane marked with a circle. All three lanes turn to the left (which is exactly what you want) however trucks should normally stay in the right lane).

Lane Assist - Follow the white arrows.

5.11 Junction View

A realistic display of the road signs and a green arrow indicator showing you which lane you should use for travel. Available for millions of miles of junctions and interchanges. Please note that while there are millions of miles of roads that are covered, there are some locations where photos are unavailable.

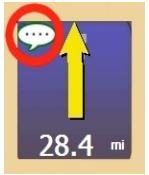


Junction View

.

5.12 Repeat Instruction

Sometimes you may want to hear the voice instruction again due to noise in the vehicle. Tap the bubble to the left of the arrow to repeat the voice instruction for the upcoming turn.



Tap the voice bubble at the top left portion of the Turn Arrow screen to repeat the voice instruction.

5.13 Split Screen

WorldNav offers the unique feature of splitting the larger screen models to allow the full route to be seen on the right and use the rest of the space for normal navigation. To close the view press the gray "X" shown in the picture below with a circle around the "X". The Arrow toggles between having the split screen On or Off.

Split Screen OFF

Split Screen ON

5.14 Weigh Station Alert

A warning message will appear on your navigation screen when you are approximately 7 miles away from a weigh station.

Weigh Station Alert

Part VI

6 Troubleshooting Questions

1. **Why are some streets unlabeled?** In 3D mode, only major thoroughfares are shown. Change to 2D mode and manually adjust the zoom level to see more labeled streets.

2. **What do I do if I change my destination during a route?** Press <Menu>, then <Route> and on the second screen, press <Clear Route>. Alternatively, use the <New Route> feature to create a new route; the old route will be cleared from the display automatically.

3. **What if the GPS cannot locate my destination address?** Check the town or city name. Often the street is located in a town (or township) named differently from what you were provided. You can also use the "wildcard" search which means you leave the city name blank and enter the street name and number. The search will take longer but it will give you results. Check the destination zip from the results shown on the screen, if the zip code matches then the address is correct. If you still have difficulty, change the route to locate the nearest intersection, or nearest town instead.

4. **What if it seems the device is not showing my true location?** Sometimes, the device takes a few minutes to lock in on the satellite signal,

after which your true location will be shown.

5. **Sometimes the GPS indicates a house number to be in a different part of the block, why?** House numbers are estimated positions within the block. Typically the GPS will put you within a few feet of the actual position. Also, in some congested or mountainous areas, the position will be off from true position.

6. **Why is my GPS showing several miles to go to destination and I am already there?** Most likely the address you have entered is on the other side of a major highway and the GPS is asking you to go forward, turn around and go back to the other side of the highway. Be assured, there is nothing wrong with the GPS device.

7. **I am near an airport and my GPS is unable to obtain a position, what is wrong?** Due to increased national security concerns, the GPS signal is often scrambled or shut down near airports and military installations.

8. **Why when I select "Avoid Tolls" I sometimes get routed on a toll road?** In rare cases where the avoidance of tolls would be impossible or result in an extremely long route, the route will be created ignoring the avoid tolls request. A warning message will appear.

9. **How do I transfer maps onto my device?** The WorldNav does not require maps to be transferred. All maps and services are already pre-loaded onto your device. To be informed of future updates please register at www.teletype.com/register.

10. **What are the differences between the routing preferences?** See section 4.1 of this guide.

11. **How can I route from point A to point B with multiple stops in between?** You will need to first look up the addresses of any stopping points. Use the routing preference called "Truck Via" to select each point.

12. **How do I change text and voice from English to another language?** See Section 4.5.

13. **Which entertainment file formats are supported?** See the appropriate hardware user guide or check the model specification online at the TeleType website.

14. **How do I receive software updates?** Visit the Upgrades page on the TeleType website: http://www.teletype.com/c/worldnav-upgrades.html

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